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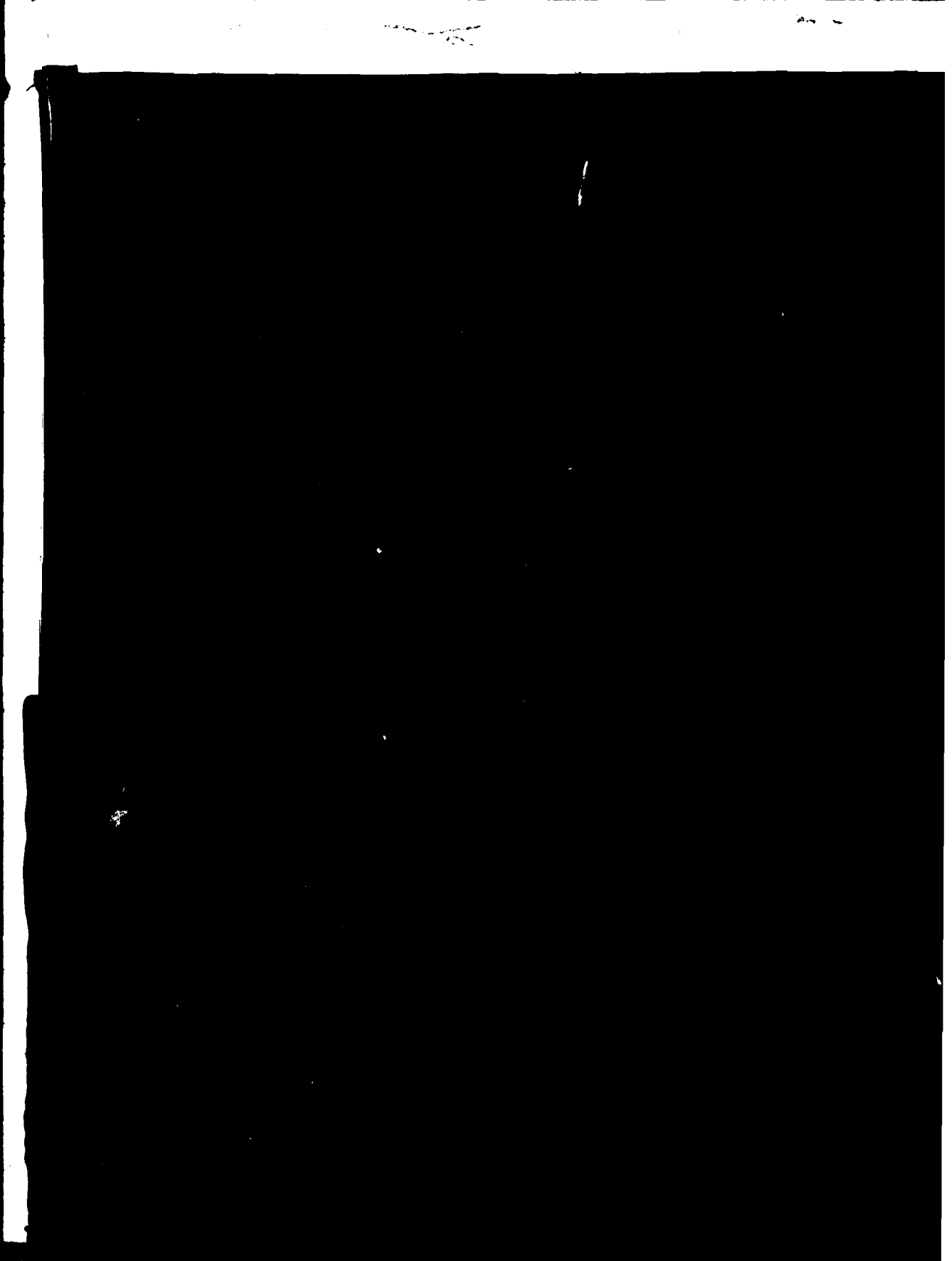
DAKAR SENEGAL LIMITED SURFACE OBSERVATIONS CLIMATIC
SUMMARY (LISOCs) PARTS A C-F(U) AIR FORCE ENVIRONMENTAL
TECHNICAL APPLICATIONS CENTER SCOTT A. SEP 85
USAFETAC/DS-85/048 F/G 4/2

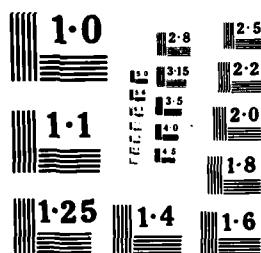
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Air Weather Service (MAC)

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09 SEP 1985

"LIMITED SURFACE OBSERVATIONS"
CLIMATIC SUMMARY "HCOCS"

STATION: WILCOX
14 24 017 30 ELEV: 3900
14 15 27 STATION: 01, 03, 06, 09
12, 15, 18, 21
1 HCOCS OF HCOCS:
CLIMATIC OBSERVATIONS: 01, 03, 06, 09
SUMMARY OF DATA: 12, 15, 18, 21
1 HCOCS OF HCOCS: 01, 03, 06, 09

06 SEP 1985

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FEDERAL BUILDING
ASHEVILLE, N. C.

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FOR THE COMMANDER

Wayne E. McCollom

WAYNE E. MCCOLLOM
Chief, Document Research Section
USAFETAC/LDX

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SECURITY CLASSIFICATION OF THIS PAGE

AD-2159 b5c

REPORT DOCUMENTATION PAGE

1a REPORT SECURITY CLASSIFICATION Unclassified			1b RESTRICTIVE MARKINGS			
2a SECURITY CLASSIFICATION AUTHORITY			3 DISTRIBUTION/AVAILABILITY OF REPORT Approved for public release; distribution unlimited.			
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17 COSATI CODES			18 SUBJECT TERMS (Continue on reverse if necessary and identify by block number)			
FIELD	GROUP	SUB GROUP	*climatology *weather Meteorological conditions (continued over)			
04	02					
19 ABSTRACT (Continue on reverse if necessary and identify by block number) A statistical data summary of surface weather observation climatology for: DAKAR SENEGAL. This summary is similar to the Revised Uniform Summary of Surface Weather Observations (RUSSWC), but is based on data collected from limited-duty weather observing stations; i.e., those that take weather observations less than 24 hours a day, 7 days a week. The summary is in five parts: PART A, Weather Conditions and Atmospheric Phenomena; PART C, Surface Winds; PART D, Ceiling and Visibility; PART E, Psychrometric Summaries; and PART F, Pressure Summaries. Note that PART B, Precipitation, is omitted. See USAFETAC/TN-83/001 (AD-A132186), An Aid for Using the Revised Uniform Summary of Surface Weather Observations (RUSSWOs), for complete descriptions of contents and instructions for use.						
20. DISTRIBUTION/AVAILABILITY OF ABSTRACT <input type="checkbox"/> UNCLASSIFIED/UNLIMITED <input checked="" type="checkbox"/> SAME AS RPT <input type="checkbox"/> DTIC USERS			21 ABSTRACT SECURITY CLASSIFICATION Unclassified			
22a. NAME OF RESPONSIBLE INDIVIDUAL Marie Wakefield			22b. TELEPHONE (Include Area Code) (618) 256-2625	22c. OFFICE SYMBOL USAFETAC/LDD		

DD FORM 1473, 84 MAR

83 APR edition may be used until exhausted.
All other editions are obsolete.

SECURITY CLASSIFICATION OF THIS PAGE

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18. Subject terms cont.

winds	precepitation	temperature	visibility
barometric pressure		relative humidity	
sky cover	psychrometric data	ceiling	

Limited Surface Observations Climatic Summary
LISOCs

DAKAR SENEGAL

SG 616410

UNCLASSIFIED

✓

The number that identifies the station in this summary is an AWS Master Station Catalog number. This number is comprised of the WMO number with the addition of a suffix zero; or, in cases where there is no designated WMO number, a 5-digit number created in agreement with WMO rules, plus a sixth qualifying digit. These numbers (also referred to as DATSAV or USAFETAC numbers) uniquely identify each of more than 15,000 reporting stations around the world. This is the provenance of the number (e.g., MSC 999999) which will appear on future OL-A standard products.

Approved by	✓
Date	
Initials	
Signature	
Comments	
A-1	



OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

✓
LIMITED SURFACE OBSERVATIONS
CLIMATIC SUMMARIES
(LISOCs)

DEFINITION: A RUSSWO-like set of summaries of hourly observations for the station's normal operating hours.

Hourly Observations: Those record or record-special observations recorded at established hourly intervals.

General Comments:

1. The hourly data are screened to exclude extraneous or occasional hours outside the normal observing hours.
2. A brief description preceeds each summary.
3. Summaries containing "TOTALS" and "ALL HOURS" are only from the hours summarized. These values are representative only for the operating hours.
4. The monthly and annual "ALL HOURS" summaries are not presented because they are not representative, and would result in meaningless or biased values.
5. There are no "Sky Cover" nor "Sea Level Pressure" summaries for METAR stations.

Table of Contents: AWS Form 2 "Station History"

- Part 1: Weather Conditions
- Part 2: Surface Winds
- Part 3: Ceiling Versus Visibility; Sky Cover
- Part 4: Daily High, Low, Mean Temperatures; Max High and Min Low Temperatures;
Psychrometric Tables; Mean and Standard Deviation of Temperatures; Relative Humidity
- Part 5: Station Pressure; Sea Level Pressure

Standard 3-Hour Groups: All summaries having diurnal variations are summarized in 3-hour periods corresponding to the following sets of hourly observations and limited to normal observation reporting hours (LST):

0000-0200	1200-1400
0300-0500	1500-1700
0600-0800	1800-2000
0900-1100	2100-2300

Note that the first and last hour groups may or may not contain all three hours. See hours summarized on front cover to determine which hours are included in these two hour groups.

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THIS LISOCs WAS PRODUCED USING DATA OBTAINED FROM INDIGENOUS OBSERVATIONS TRANSMITTED OVER WEATHER COMMUNICATION NETWORKS. FORM 10/10A (OR THEIR EQUIVALENT) WERE NOT AVAILABLE TO CHECK DATA ACCURACY. HOWEVER, INTER AND INTRA OBSERVATIONAL CONTINUITY AND CONSISTENCY CHECKS WERE CONDUCTED BY PROCESSING THE DATA THROUGH OUR AUTOMATED QUALITY ASSURANCE PROCEDURES. THESE SUMMARIES ARE CONSIDERED ACCURATE AND REPRESENTATIVE WITHIN DATA AVAILABILITY LIMITATIONS.

THE AVAILABLE DATA FOR SUMMARIZATION CONSISTED ONLY OF 3-HOURLY SYNOPTIC OBSERVATIONS, I.E., 00, 03, 06, 09, 12, 15, 18, 21. THEREFORE, THE 3-HOURLY TIME GROUP CONSISTS OF ONE OBSERVATION ONLY, E.G., THE 00-02 LST TIME GROUP CONTAINS ONLY THE AVAILABLE 00 LST OBSERVATION. THESE SUMMARIES, THEREFORE, ARE BASED ON MUCH LOWER THAN NORMAL OBSERVATION COUNTS. NOTE THAT OBSERVATION COUNTS LESS THAN 310 IN ANY TIME GROUP INDICATE MISSING OBSERVATIONS. ALL USERS MUST CAREFULLY CONSIDER THESE OBSERVATION COUNTS WHEN USING THE SUMMARIZED DATA TO ARRIVE AT MEANINGFUL AND REPRESENTATIVE CONCLUSIONS.

NO EXTREME DATA IS INCLUDED IN THIS LISOCs BECAUSE:

NO FORMS 10/10A WERE AVAILABLE TO OBTAIN THIS DATA.

SUMMARY OF DAY DATA IS NOT TRANSMITTED OVER THE WEATHER COMMUNICATIONS NETWORK.

WITH ONLY 3-HOURLY OBSERVATIONS AVAILABLE FOR SUMMARIZATION, THE HOURLY OBSERVATIONS COULD NOT BE USED TO EXTRACT EXTREME VALUES.

WE RECOMMEND THAT THESE SUMMARIES NOT BE GIVEN TO CUSTOMERS WITHOUT INTERPRETATION BY A METEOROLOGIST.

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[illegible]

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

WEATHER CONDITIONS

1

PART 1

This summary is a percentage frequency occurrence of various atmospheric phenomena and obstructions to vision, derived from hourly observations, and is presented by month by the available 3-hour groups.

Thunderstorms--All reported occurrences of thunderstorm, tornado, and waterspout.

Rain and/or drizzle--All liquid precipitation, falling to the ground, not freezing.

Freezing rain and/or freezing drizzle (glaze)--Precipitation falling in liquid form, but freezing on contact with an unheated surface.

Snow and/or sleet (ice pellets)--Included are snow, snow pellets, sleet, snow grains, ice crystals, and ice pellets. (Snow pellets also known as soft hail.)

Hail--Occurrences of hail.

Percentage of observations with precipitation--Included in this category are the observations when one or more of the above phenomena occurred. Since more than one type of precipitation may be reported in the same observation, the sum of the individual categories may exceed the percentage of the observations with precip.

Fog--Included are fog, ice fog, and ground fog.

Smoke and/or haze--Occurrences of smoke, haze, or combinations of smoke and haze are included.

Blowing snow--Occurrences of blowing snow.

Dust and/or sand--Included are blowing dust, blowing sand, and dust.

Blowing spray--This item if reported, is not shown in a separate category on this form but is included in the computation Percentage of Observations with Obstructions to Vision, below.

Percentage of observations with obstructions to vision--Included in this category are the observations when one or more of the above obstructions to vision occurred. Since more than one type of obstruction may be reported in the same observation, the sums of the individual categories may exceed the percentage total columns. Also, although precipitation may reduce visibility, it is not considered an obstruction to vision for purposes of this summary; therefore, the percentage total of obstructions to vision need not reflect the total observations with reduced visibility.

Continued on Reverse

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NOTE: 1. For METAR stations beginning Jan 68 and Synoptic reporting stations, only the highest order of atmospheric phenomena was reported, recorded on the AWS Forms 10a, and transmitted longline. Beginning Jan 70, METAR stations recorded all atmospheric phenomena on the AWS Form 10a, but transmitted longline only the highest order. For example, if the observation consisted of rain, fog and smoke, only the rain was transmitted longline. Our data base, as a result, contains only rain for that observation. Because of these reporting procedures the summaries for METAR and Synoptic reporting stations are highly questionable in the hourly summaries. This primarily effects the obstruction to vision columns, but may also have minor effects on the precipitation columns.

2. When the value of ".0" appears in the summaries, it represent one or more occurrences amounting to less than .05 percent.

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DAKAR SENEGAL

STATION NAME

76-85

YEARS

JAN
MONTH

4

CLIMAT CLIMATOLOGY BRANCH
 SAFETAC
 A WEATHER SERVICE/MAC

WEATHER CONDITIONS

616 10 STATION NAME AKAB SENEGAL 76-85 YEARS FEB MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
JAN-81	.0	.	.	.	.	.	15.5	23.7	.	.2	38.8	464
FEB-81	.3	.	.	.	.	.	25.9	21.6	.	.	47.2	394
MAR-81	.2	.	.	.	.	.	24.6	18.7	.	.	42.8	460
APR-81	.	.5	.	.	.	.5	6.0	34.0	.	.	39.5	400
MAY-81	.	.	.	.	.	.	.2	34.2	.	.2	34.4	456
JUN-81	.	.	.	.	.	.	.	34.9	.	.	34.9	424
JUL-81	.	.	.	.	.	.	1.3	34.6	.	.4	36.1	462
AUG-81	.3	.5	.	.	.	.5	4.9	33.6	.	.	38.5	387
SEP-81	.	.	.	.	.	.	.	.	.	.	.	.
OCT-81	.	.	.	.	.	.	.	.	.	.	.	.
NOV-81	.	.	.	.	.	.	.	.	.	.	.	.
DEC-81	.	.	.	.	.	.	.	.	.	.	.	.
TOTAL	.	.1	.	.	.	.1	9.8	29.4	.	.1	39.0	3447

GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
USAFETAC FROM HOURLY OBSERVATIONS
AIR WEATHER SERVICE/MAC

STATION NUMBER: 619411 STATION NAME: DAKAR SENEGAL

PERIOD OF RECORD: 76-85
MONTH: JAN HOURS(EST): 0300-0500

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-5	6-10	11-15	16-20	21-25	26-30	31-35	36-40	41-45	46-50		
N	2.5	6.4	14.9	3.5							24.3	3.3
NNE	2.3	5.6	25.1	9.9	2.9						41.5	2.9
NE		3.5	13.3	9.8							21.5	2.3
ENE		1.3	1.6	2.3							5.2	1.7
E		2.3									2.3	5.0
ESE												
SE												
SSE												
S												
SSW												
SW												
WSW												
W												
WNW			2.3								2.3	4.0
NW		2.8									2.8	4.0
NNW	2.3	2.5	1.9	1.1							5.7	3.5
VARIABLE												
CALM	////////////////////										3.7	////
TOTALS	1.1	16.7	55.3	19.5	2.9						100.0	3.5

TOTAL NUMBER OF OBSERVATIONS: 375

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 615410 STATION NAME: DAKAR SENEGAL

PERIOD OF RECORD: 76-85
MONTH: JAN HOURS(EST): 0000-0200

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56-59		
N	.2	7.9	17.4	5.3	.2							31.0	3.4
NNE		6.4	25.5	4.5	.5							42.0	2.2
NE		3.6	8.7	3.0	.4							15.7	2.0
ENE		1.7	.8	.4								3.0	1.5
E													
ESE													
SE													
SSE													
S													
SSW		.2										.2	5.0
SW				.2								.2	13.0
WSW		.2										.2	4.0
W													
WNW		.4		.2								.6	3.3
W		.4	.2									1.1	5.9
NNW		1.5	2.3	.4								4.2	1.7
VARIABLE													
CALM	////////////////////											1.7	////
TOTALS	.2	22.7	36.1	18.0	1.3							100.0	3.5

TOTAL NUMBER OF OBSERVATIONS: 471

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

SURFACE WINDS

PART 2

Presented in this part are various tabulations of surface winds as follows:

Bivariate percentage frequency tabulations: Derived from hourly observations, these tabulations are a percentage frequency of wind directions to 16 compass points and calm vs 11 wind speed (knots) increments in Beaufort classifications. Percentages are shown for both directions and speed, and in addition the mean wind speed is given for each direction.

A separate category is provided on the form for variable winds, which are reported in some data sources. In these data where light and variable winds are reported with no directions but with speeds given, the speeds will be summarized in the appropriate groups opposite the column headed VRBL.

These tables are prepared for all years combined, by month by available 3-hour groups.

A percentage frequency of ".0" in these tables represents one or more occurrences amounting to less than ".05" percent.

GENERAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

61641 STATION DIAKAR SENEGAL STATION NAME 75-85 YEARS ALL MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS OBS	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
JAN	ALL	.1	.6				.8	7.5	38.0		1.9	47.0	3489
FEB		.1	.1				.1	9.8	29.4		.1	39.0	3447
MAR		.1	.2				.2	12.7	25.0		.1	37.6	3612
APR			.1				.1	15.5	15.9		.1	31.4	3544
MAY			.1				.1	10.7	18.1		.1	28.6	3774
JUN		.2	.8				.8	2.6	6.5			9.1	3289
JUL		1.2	2.4			.0	2.4	.7	.6		.1	1.3	3778
AUG		1.9	3.9				3.9	.3	.4		.0	.8	3624
SEP		2.1	3.5			.1	3.6	1.9	3.5		.0	5.3	3493
OCT		.5	1.2				1.2	5.3	11.0		.1	16.2	3650
NOV		.1	.4			.0	.4	4.6	9.6		.2	14.4	3413
DEC			.3				.3	10.1	27.0		1.0	37.7	3579
TOTALS		.5	1.2			.0	1.2	6.8	15.4		.3	22.4	42692

GENERAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

616410
STATION

AKAN SENEGAL

STATION NAME

75-84

YEARS

DEC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS LST.	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
D.C.	00-07		.4				.4	18.4	15.6		.4	33.9	495
	08-05		.5				.5	24.3	19.9		2.1	45.5	382
	06-08		.8				.8	18.9	19.5		1.0	39.1	481
	09-11		.2				.2	6.0	32.3		1.4	38.8	430
	12-14							.2	35.0		1.3	36.3	471
	15-17								35.1		1.4	36.3	441
	18-20							3.0	31.5		.4	34.8	492
	21-23		.5				.5	9.6	27.4			37.0	387
TOTALS			.3				.3	10.1	27.0		1.0	37.7	3579

WEATHER CONDITIONS

NOV
MONTH

MONTH	HOURS LST	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
NOV	00-22		.4				.4	8.7	3.9			12.6	461
	23-01							11.1	4.1			15.2	389
	02-04		.4				.4	10.9	6.1			17.0	458
	05-11		.5				.5	2.4	13.7			16.1	410
	12-14		.4				.4		12.8		.2	13.0	468
	15-17		.2				.2		14.2		.7	14.9	402
	18-20	.2	.4			.2	.7	.2	13.6			13.8	455
	21-23	.3	.5				.5	3.5	6.6		.3	12.4	370
TOTALS		.1	.4			.0	.4	4.6	9.6		.2	14.4	3413

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

61641
STATION

DAKAR SENEGAL

STATION NAME

75-84

YEARS

001
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & / OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBS. TO VISION	TOTAL NO. OF OBS
001	00-01	.2	.8				.8	6.8	7.6			14.2	487
	02-03	1.5	1.7				1.7	11.8	7.4			19.0	406
	04-05	.4	1.6				1.6	13.2	3.8			17.0	500
	06-11		2.1				2.1	4.4	13.8			17.6	427
	12-14	.2	1.2				1.2		15.3		.2	15.5	491
	15-17	.2	.5				.5	.2	16.7		.2	17.1	444
	18-20	.6	.8				.8	1.2	12.8			14.0	492
	21-23	.5	.7				.7	4.5	10.9			15.4	403
TOTALS		.5	1.2				1.2	5.3	11.0		.1	16.2	3650

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

616410 STATION CAKAR SENEGAL 75-84 YEARS SEP MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
SEP	00-02	3.2	3.6				3.6	2.1	1.5			3.6	468
	03-05	2.4	3.5			.3	3.7	3.5	2.7			6.1	374
	06-08	1.9	5.8				5.8	4.9	1.1			5.8	465
	09-11	1.2	3.3				3.3	2.9	5.5			7.6	421
	12-14	1.5	3.7				3.7	.2	5.8			6.0	464
	15-17	1.2	1.6				1.6	.2	4.2			4.4	433
	18-20	2.8	3.2				3.2	.6	4.1			4.7	466
	21-23	2.5	3.5			.2	3.7	1.0	2.7		.2	4.0	402
TOTALS		2.1	3.5			.1	3.6	1.9	3.5		.0	5.3	3493

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

616410
STATION

DAKAR SENEGAL

STATION NAME

75-84

YEARS

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS.
AUG	00-02	2.1	5.2				5.2	.6				.6	484
	03-05	.9	1.8				1.8	1.1				1.1	437
	06-08	1.8	5.5				5.5	.8	.2			1.0	489
	09-11	.5	2.2				2.2		1.0			1.0	413
	12-14	.2	5.3				5.3		.8			.8	476
	15-17	2.6	3.7				3.7		.7			.7	428
	18-20	3.3	2.5				2.5		.6		.2	.8	479
	21-23	3.8	5.0				5.0						418
TOTALS		1.9	3.9				3.9	.3	.4		.0	.8	3624

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AF WEATHER SERVICE/MAC

WEATHER CONDITIONS

616410
STATION

DAKAR SENEGAL

STATION NAME

75-84

YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS EST	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JUL	00-04	1.6	2.4				2.4	1.4	.2			1.6	500
	05-09	1.8	1.8				1.8	.9				.9	435
	10-14	1.2	4.4				4.4	1.4				1.4	497
	15-19	.2	2.0				2.0	.4	.9		.2	1.5	452
	20-24	1.0	1.6				1.6		1.6			1.6	492
	25-29	.7	1.3				1.3		.9			.9	451
	30-31	1.4	3.0				3.0	.2	1.0		.2	1.4	496
	TOTAL	.7	2.4			.2	2.6	.9	.4			1.3	455
TOTALS		1.2	2.4			.0	2.4	.7	.6		.1	1.3	3778

WEATHER CONDITIONS

~~JUN~~
MONTH

MONTH	HOURS EST.	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
JUN .00-.02	.7	1.6					1.6	3.8	3.8			7.7	443
.03-.05		1.7					1.7	5.0	4.7			9.8	358
.06-.08	.2	.9					.9	6.6	3.4			9.8	438
.09-.11		.3					.3	1.8	8.1			9.9	384
.12-.14	.2	.2					.2		7.1			7.1	448
.15-.17		.5					.5		10.3			10.3	387
.18-.20		.2					.2	.7	8.9			9.6	429
.21-.23	.7	1.2					1.2	3.0	5.7			8.2	402
TOTALS	.2	.8					.8	2.6	6.5			9.1	3289

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

01010
STATION

DAKAR SENEGAL
STATION NAME

76-85
YEARS

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS.
MAY	00-02							17.3	12.5			29.4	504
	03-05		.2				.2	25.3	8.1			33.0	443
	06-08							25.1	7.7			31.8	494
	09-11		.2				.2	4.6	22.1			26.7	439
	12-14								24.7		.2	24.9	493
	15-17							.4	24.7		.2	25.3	458
	18-20							1.8	26.3			28.1	494
	21-23		.2				.2	11.1	18.9			29.6	449
TOTALS			.1				.1	10.7	18.1		.1	28.6	3774

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

61641
STATION

DAKAR SENEGAL
STATION NAME

76-85

YEARS

APR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS LSZ	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
APR	00-01							26.2	9.2			34.9	478
	03-05		.2				.2	35.7	7.9			43.6	406
	06-08							34.2	7.3			41.3	465
	09-11							8.6	16.6			25.0	428
	12-14							.2	22.7		.2	23.1	454
	15-17								25.2		.2	25.5	436
	18-20							4.3	24.8			29.2	463
	21-23		.2				.2	15.0	13.5			28.5	414
TOTALS			.1				.1	15.5	15.9		.1	31.4	3544

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

616410
STATION

AKA K. SENEGAL

STATION NAME

76-85

YEARS

MAR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
MAR	00-01							20.9	18.5			39.0	487
	03-04							27.0	15.4			41.3	429
	06-08	.2						30.1	11.7		.2	41.8	479
	09-11	.5	.7				.7	9.4	23.9			33.1	426
	12-14							.4	35.9			36.3	465
	15-17								33.0		.5	33.4	437
	18-20		.2				.2	4.8	34.0		.2	39.0	479
	21-23	.5	1.0				1.0	9.3	27.3			36.6	410
TOTALS		.2	.2				.2	12.7	25.0		.1	37.6	3612

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 616413 STATION NAME: DAKAR SENEGAL

PERIOD OF RECORD: 76-85
MONTH: JAN HOURS/ELST: 0600-2400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL #	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 55	
N	.6	6.0	11.5	3.9							22.0	8.3
NNE	.4	3.8	19.6	9.3	.9						33.7	9.9
NE	.4	1.7	17.7	6.0	.6	.2					26.7	10.0
ENE	.2	2.1	4.1	1.5	.2						8.1	3.5
E		1.1	.6	.2							1.9	7.1
ESE			.2	.2							.4	10.0
SE												
SSE												
S												
SSW												
SW												
WSW		.2									.2	5.0
W												
WNW												
NW		.2	.4								.6	7.7
NNW		1.3	1.7	1.3							4.3	3.5
VARIABLE												
CALM	////////////////////										2.1	////
TOTALS	1.7	16.4	35.9	22.0	1.7	.2					100.0	9.1

TOTAL NUMBER OF OBSERVATIONS: 459

GLOBAL CLIMATOLOGY BRANCH
USAF/ETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 616410 STATION NAME: DAKAR SENEGAL

PERIOD OF RECORD: 76-85
MONTH: JAN HOURS(1ST): 1900-1100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56-59		
N	.2	2.2	7.5	5.5								15.4	9.5
NNE		1.0	9.5	16.7	2.2	.2						29.5	12.1
NE		1.5	12.4	15.4	1.7	.2						31.3	11.7
NNE		.7	5.5	3.3	.2							9.5	10.6
E		.7	4.2	4.2	.5							9.7	11.0
ESE			.5	.5								1.0	10.0
SE													
SSE			.2									.2	3.0
S													
SSW													
SW													
WSW													
W													
WNW													
NW		.7										.7	5.7
NNW		.7	.2	.2								1.2	7.5
VARIABLE				.2								.2	13.0
CALM												1.0	////
TOTALS	.2	7.7	40.0	45.8	4.7	.5						100.0	11.1

TOTAL NUMBER OF OBSERVATIONS: 412

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 616410 STATION NAME: DAKAR SENEGAL

PERIOD OF RECORD: 76-85
MONTH: JAN HOURS(EST): 1200-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56-65	
N	.2	.4	5.2	16.3	1.7						24.5	12.5
NNE	.4	1.1	9.1	23.2	9.8	.2					43.9	12.3
NE		.2	5.1	11.1	1.1	.2					17.7	12.4
NNE		.4	1.7	1.3	.2						3.6	13.6
E	.2	.2	2.6	3.3							6.3	13.6
ESE		.2	.9	1.3							2.3	11.2
SE			.4								.4	9.3
SSE												
S												
SSW												
SW												
WSW												
W												
WNW		.2									.2	5.3
NW			.4	.2							.6	9.7
NNW		.4	1.1	1.5							3.3	13.4
VARIABLE				.2							.2	12.3
CALM											.6	////
TOTALS	.9	3.2	27.4	57.7	9.8	.4					100.3	12.2

TOTAL NUMBER OF OBSERVATIONS: 470

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 616413 STATION NAME: DAKAR SENEGAL

PERIOD OF RECORD: 75-95
MONTH: JAN HOURS(EST): 1500-1700

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.2	1.9	7.2	35.6	3.3	.5					51.5	13.1
NNE		1.2	9.6	13.8	4.1	.2					27.9	12.9
NE		1.0	1.4	1.2	.2						3.8	9.8
ENE												
E		.2	.5	.7							1.4	9.9
ESE		.2	.2	.2							.7	9.0
SE			.2								.2	9.0
SSE			.2								.2	9.0
S												
SSW		.2									.2	9.0
SW			.2								.2	13.0
WSW												
W		.2									.2	4.0
WNW		.5		.2							.7	6.3
NW		1.4	1.2	.7							3.3	9.4
NNW		1.2	4.3	4.3	.2						13.3	10.3
VARIABLE												
CALM	////////////////////////////////////										.2	////
TOTALS	.2	8.1	24.1	56.8	9.8	.7					100.0	12.3

TOTAL NUMBER OF OBSERVATIONS: 419

GLOBAL CLIMATOLOGY BRANCH
USAF/ETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 616410 STATION NAME: DAKAR SENEGAL

PERIOD OF RECORD: 75-85
MONTH: JAN HOURS(LST): 1800-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56-59	
N		2.5	17.7	26.0	.3						47.1	11.2
NNE	.2	1.2	12.3	11.2	.6						25.5	11.0
NE	.2	1.2	1.2	.4							3.1	7.7
ENE				.2							.2	11.0
E		.2									.2	5.0
ESE				.2							.2	14.0
SE				.2							.2	15.0
SSE												
S												
SSW			.2			.2					.4	15.0
SW					.2						.2	20.0
WSW	.2										.2	5.0
W	.2										.2	2.0
WNW		1.7	.2	.2							2.1	5.2
NW		1.0	2.1								3.1	7.6
NNW	.2	3.7	5.4	5.9							15.2	9.2
VARIABLE												
CALM	////////////////////										1.9	////
TOTALS	1.3	11.7	39.2	44.4	1.7	.2					100.0	10.3

TOTAL NUMBER OF OBSERVATIONS: 430

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 615413 STATION NAME: DAKAR SENEGAL

PERIOD OF RECORD: 75,78-85
MONTH: JAN HOURS(EST): 2100-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56-65	
N	1.3	0.8	18.4	8.3	.3						35.1	3.9
NNE		5.4	24.7	10.6	.3						39.3	2.8
NE		.3	3.9	1.3							5.5	2.4
ENE	.3	.5	1.3								2.1	5.4
E		.3	.3								.5	5.5
ESE												
SE												
SSE												
S												
SSW												
SW												
WSW												
W		.5									.5	5.3
WNW		1.3									1.3	5.3
NW		.5	1.0								1.6	7.0
NNW		3.1	4.7	2.3							10.1	3.4
VARIABLE												
CALM	////////////////////////////////////										4.7	////
TOTALS	1.6	16.4	54.3	22.6	.5						100.3	3.7

TOTAL NUMBER OF OBSERVATIONS: 335

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 616410 STATION NAME: DAKAR SENEGAL

PERIOD OF RECORD: 75-85
MONTH: JAN HOURS/DAY: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56-59	
N	.4	4.2	12.5	13.2	1.0	.1					31.5	10.4
NNE	.2	2.9	16.8	12.9	2.1	.1					34.9	10.9
NE	.1	1.6	7.9	5.4	.5	.1					15.6	10.4
NNE	.1	.9	1.8	.3	.1						3.7	9.1
E	.2	.4	1.0	1.0	.1						2.5	10.2
ESE		.1	.2	.3							.6	10.7
SE			.1	.0							.1	10.5
SSE			.3								.1	8.0
S												
SSW		.1	.0			.0					.1	11.0
SW			.0	.0	.0						.1	14.3
WSW	.0	.1									.1	4.3
W	.0	.1									.1	4.0
WNW		.5	.0	.1							.5	5.2
NW		.7	.7	.1							1.5	7.4
NNW	.1	1.6	2.7	2.2	.0						5.5	9.1
VARIABLE				.1							.1	12.5
CALM	////////////////////										1.9	////
TOTALS	.9	13.1	43.9	36.1	3.8	.3					100.0	10.1

TOTAL NUMBER OF OBSERVATIONS: 3471

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 616410 STATION NAME: DAKAR SENEGAL

PERIOD OF RECORD: 75-85
MONTH: FEB HOURS(DST): 0000-2200

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56-59	
N	.2	5.8	20.6	7.1							33.9	3.7
NNE		5.0	26.2	8.9	.2						43.3	3.4
NE		1.3	6.5	.9							9.7	3.8
ENE			.2	.2							.4	11.0
E												
ESE												
SE												
SSE												
S												
SSW		.2	.2								.4	3.5
SW												
WSW												
W												
WNW												
NW	.2	1.1	1.5	.4							3.2	7.2
NNW	.4	1.9	7.1	.9							13.4	3.0
VARIABLE												
CALM	////////////////////										2.5	////
TOTALS	.9	15.4	52.3	18.4	.2						100.0	3.6

TOTAL NUMBER OF OBSERVATIONS: 422

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 616410 STATION NAME: DAKAR SENEGAL

PERIOD OF RECORD: 76-85
MONTH: FEB HOURS(UT): 0300-0500

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56-65		
N	.3	4.6	14.7	6.7	.3							26.5	7.1
NNE	.3	4.6	24.9	10.8								40.6	7.5
NE		1.8	13.9	7.3								18.0	7.2
ENE		.8	.8									1.5	7.8
E													
ESE													
SE		.3	.3									.5	7.3
SSE													
S													
SSW													
SW	.3											.3	3.0
WSW													
W													
WNW		.3										.3	4.3
NW		2.1	.8									2.8	5.4
NNW		1.8	4.4	.3								5.9	3.3
VARIABLE													
CALM	////////////////////											2.5	////
TOTALS	.8	16.2	59.6	20.6	.3							100.0	3.9

TOTAL NUMBER OF OBSERVATIONS: 339

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 616410 STATION NAME: DAKAR SENEGAL

PERIOD OF RECORD: 75-85
MONTH: FEB HOURS(UTC): 0600-1800

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥ 56		
N		3.3	15.9	7.3								27.3	9.4
NNE		2.8	19.2	10.5	.2							32.7	9.9
NF	.2	2.4	17.4	3.3								23.3	9.1
ENE		1.5	3.3	.2								5.3	7.7
E		.4										.4	5.3
ESE													
SE													
SSE													
S													
SSW													
SW				.2								.2	3.3
WSW													
W													
WNW													
NW		.4	1.5	.2								2.2	3.2
NNW		.7	5.9	1.3								7.8	3.8
VARIABLE													
CALM	////////////////////											1.3	////
TOTALS	.2	11.5	33.4	23.3	.2							100.0	9.2

TOTAL NUMBER OF OBSERVATIONS: 459

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 616410 STATION NAME: DAKAR SENEGAL

PERIOD OF RECORD: 76-85
MONTH: FEB HOURS(UT): 0900-1100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55			56-59
N	.3	.5	9.0	10.0	.5	.3						19.5	11.1
NNE		2.8	9.8	17.3	3.5							33.3	11.9
NE		2.8	12.8	11.8	.5							27.8	13.5
ENE			4.5	2.0	.3							6.8	10.5
E		.3	3.0	2.0	.3							5.5	10.8
ESE													
SE													
SSE													
S													
SSW		.3										.3	4.0
SW		.3										.3	4.0
WSW													
W													
WNW		.3										.3	4.0
NW	.3	.3	.3	.3								1.0	7.0
NNW		1.0	2.3	1.8								5.0	9.5
VARIABLE													
CALM	////////////////////////////////////										.3	////	
TOTALS	.5	8.3	40.6	45.1	5.0	.3						100.0	13.9

TOTAL NUMBER OF OBSERVATIONS: 379

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 615413 STATION NAME: DAKAR SENEGAL

PERIOD OF RECORD: 76-85
MONTH: FEB HOURS(UTC): 1200-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56-65		
N	.4	2.0	6.4	19.1	2.4	.2						30.5	11.9
NNE	.2	1.7	11.0	24.0	5.3	.4						44.5	12.4
NE		.9	4.2	6.8	1.1							13.0	11.6
ENE			.2	.2								.4	13.0
E		.2	2.0	.7								2.9	13.0
ESE			.7	.7								1.3	11.0
SE		.2	.2									.4	0
SSE													
S													
SSW		.2	.2									.4	7.0
SW		.2	.2									.4	9.0
WSW													
W		.2										.2	5.0
WNW			.2									.2	13.0
NW		.2	.2	.4								.9	11.3
NNW		.2	1.1	3.1								4.4	11.5
VARIABLE													
CALM	////////////////////											.2	////
TOTALS	.7	8.1	26.6	54.9	9.8	.7						103.0	11.9

TOTAL NUMBER OF OBSERVATIONS: 455

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 615413 STATION NAME: DAKAR SENEGAL

PERIOD OF RECORD: 75-85
MONTH: FEB HOURS(EST): 1500-1700

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-5	6-10	11-15	16-20	21-25	26-30	31-35	36-40	41-45	46-50		
N		1.9	9.5	31.3	3.9	.7					47.3	13.2
NNE		.7	3.8	15.3	3.9						25.5	13.3
NE		.2									.2	5.0
ENE												
E				.2							.2	11.0
ESE												
SE												
SSE												
S				.2							.2	11.0
SSW		.2		.2							.5	9.0
SW		.2	.2								.5	7.0
WSW												
W												
WNW		1.0	.5	.5							1.9	7.9
NW	.5	2.6	1.2	2.9							5.7	9.5
NNW	.2	3.6	8.4	6.0							19.1	9.5
VARIABLE												
CALM	////////////////////										.7	////
TOTALS	.7	10.5	23.6	56.1	7.6	.7					100.0	12.0

TOTAL NUMBER OF OBSERVATIONS: 419

GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
 USAF/ETAC FROM HOURLY OBSERVATIONS
 AIR WEATHER SERVICE/MAC

STATION NUMBER: 615413 STATION NAME: DAKAR SENEGAL

PERIOD OF RECORD: 75-85
 MONTH: FEB HOUR(S): 1800-2100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-5	6-10	11-15	16-20	21-25	26-30	31-40	41-47	48-55	56		
N	.2	1.7	15.9	25.9	.7						43.4	11.5
NNE			5.9	9.3	1.7						15.9	12.4
NE		.2	.2	.4							.9	10.3
NNE												
E												
ESE												
SE												
SSE												
S												
SSW			.4								.4	7.3
SW			.2								.2	7.3
WSW		.4									.4	5.3
W		.2									.2	4.3
WNW		1.1	.9	.7							2.5	3.2
NW	.2	1.1	4.8	4.6							10.5	9.7
NNW		3.5	10.2	7.8	.2						21.7	9.5
VARIABLE												
CALM	////////////////////										2.5	////
TOTALS	.4	8.2	36.4	49.7	2.6						100.3	13.6

TOTAL NUMBER OF OBSERVATIONS: 431

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 615413 STATION NAME: DAKAR SENEGAL

PERIOD OF RECORD: 75-85
MONTH: APR HOURSLIST: 0500-0500

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56-59		
N	.9	5.0	21.0	21.0	1.1							48.9	10.4
NNE		.6	6.5	7.1	.5							14.9	11.1
NE			1.5	.6								2.6	13.0
ENE		.2	.6									.9	7.3
E													
ESE													
SE													
SSE													
S													
SSW	.2											.2	3.0
SW	.2											.2	2.0
WSW	.2	.4										.6	3.3
W	.2	.6			.2							1.1	5.6
WNW		.4	.2	.2								.9	5.5
NW		1.9	3.2	1.1								5.3	7.8
NNW	.2	3.5	12.8	5.8								22.3	9.2
VARIABLE													
CALM	////////////////////											1.5	////
TOTALS	1.9	12.8	45.9	36.1	1.7							103.0	9.7

TOTAL NUMBER OF OBSERVATIONS: 452

GLOBAL CLIMATOLOGY BRANCH
USAF/ETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 615410 STATION NAME: DAKAR SENEGAL

PERIOD OF RECORD: 75-85
MONTH: APR HOURS/CLERK: 0000-0000

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56-65	
N	.2	5.4	16.8	17.3	.2						39.9	13.2
NNE	.2	2.5	5.2	6.4	.5						14.8	10.5
NE			.7	.2							1.0	9.3
ENE												
E												
ESE												
SE												
SSE												
S	.2										.2	5.0
SSW		.5									.5	5.0
SW												
WSW	.2	.2									.5	5.0
W	.2	.2									.5	4.0
WNW		1.2		.2							1.5	5.0
NW		3.2	4.0	.7							7.9	7.5
NNW	.5	4.0	20.5	7.2							32.1	9.1
VARIABLE												
CALM	////////////////////										1.2	////
TOTALS	1.7	17.3	47.2	31.9	.7						100.0	9.4

TOTAL NUMBER OF OBSERVATIONS: 435

GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
 USAF/ETAC FROM HOURLY OBSERVATIONS
 AIR WEATHER SERVICE/MAC

STATION NUMBER: 616413 STATION NAME: DAKAR SENEGAL

PERIOD OF RECORD: 75-85
 MONTH: APR HOURS(UT): 0000-2200

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56-59		
N	.2	2.7	20.4	14.7	.8							38.9	10.3
NNE		1.1	4.4	4.4	.4							13.3	11.1
NE			1.1									1.1	3.4
ENE			.2									.2	2.0
E													
ESE		.2										.2	4.0
SE													
SSE													
S		.2										.2	4.0
SSW													
SW													
WSW													
W		1.1										1.1	4.4
WNW	.2	1.5	.4	.2								2.3	5.1
NW		5.0	4.0	1.3		.2						13.5	7.7
NNW	.4	5.7	19.7	7.1								33.0	9.0
VARIABLE													
CALM	////////////////////											2.3	////
TOTALS	.8	17.4	50.2	27.7	1.3	.2						100.0	9.2

TOTAL NUMBER OF OBSERVATIONS: 476

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 615413 STATION NAME: DAKAR SENEGAL

PERIOD OF RECORD: 76-85
MONTH: MAR HOURS(DST): ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL	MEAN (IN)
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	.2	2.5	14.6	19.8	3.0	.1						40.2	11.6
NNE		.9	9.0	11.7	2.6	.1						24.3	12.1
NE	.0	.3	2.9	2.0	.3							5.5	11.0
NNE	.0	.1	.3	.3	.0							.8	9.7
E		.1	.2	.1								.3	9.3
ESE			.0									.0	9.0
SE													
SSE													
S		.1										.1	9.0
SSW	.0	.0	.1		.0							.2	9.2
SW		.1	.0	.0								.1	7.8
WSW	.0	.1	.0									.1	5.4
W	.1	.5	.3									.9	5.8
WNW	.1	1.0	.7	.1								1.9	5.4
NW	.2	1.8	3.1	1.6								5.7	3.5
NNW	.3	3.0	8.5	5.5	.6							17.9	9.7
VARIABLE													
CALM	////////////////////											1.1	////
TOTALS	1.0	10.4	39.7	41.0	6.6	.2						100.0	13.8

TOTAL NUMBER OF OBSERVATIONS: 3543

NAVAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 015410 STATION NAME: JAGAR SENEGAL

PERIOD OF RECORD: 75-85
 MONTH: MAR COURSE(S): 2100-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL #	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56-59		
N	.2	4.0	21.5	12.1	.5							38.3	10.1
NNE		.2	9.6	10.4	.7							21.2	11.4
NE		1.0	1.2	.2								2.5	3.3
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW		.2										.2	5.3
W		1.0	.2									1.2	5.3
WNW	.2	.7	.5									1.5	5.2
NW		3.5	3.5	2.0								9.5	3.3
NNW		5.7	13.8	5.9								25.4	3.9
VARIABLE													
CALM	////////////////////											1.2	////
TOTALS	.5	10.3	50.4	30.6	1.2							103.2	9.6

TOTAL NUMBER OF OBSERVATIONS: 415

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 615410 STATION NAME: DAKAR SENEGAL

PERIOD OF RECORD: 76-85
MONTH: MAR HOURS/DAYS: 1800-2100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56-59	
N	.4	.6	9.6	31.2	3.9						45.5	12.8
NNE		.2	2.5	7.9	1.0						11.7	12.5
NE			.2	.2							.4	11.0
ENE												
E				.2							.2	15.0
ESE			.2								.2	3.0
SE												
SSE												
S												
SSW												
SW												
WSW			.2								.2	3.0
W		.8	.8								1.7	5.5
WNW		1.9	1.0	.2							3.1	5.7
W		2.7	6.3	4.4							13.4	9.5
WNW		2.3	9.2	10.3	1.5						23.2	13.9
VARIABLE												
CALM	////////////////////										.2	////
TOTALS	.4	8.6	30.1	54.4	6.3						100.0	11.5

TOTAL NUMBER OF OBSERVATIONS: 478

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 616413 STATION NAME: DAKAR SENEGAL

PERIOD OF RECORD: 76-85
MONTH: MAR HOURS(EST): 1500-1700

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	.5	1.1	5.4	51.7	9.9	.5						47.1	14.3
NNE		.2	1.8	11.3	5.2							19.5	15.1
NE				1.1								1.1	14.2
ENE													
E		.2										.2	5.0
ESE													
SE													
SSE													
S													
SSW					.2							.2	20.0
SW		.2	.2									.5	5.0
WSW													
W		.2	.5									.7	5.7
WNW		1.6	1.8									3.4	7.2
NW		1.1	3.0	2.3								5.4	9.9
NNW		.5	7.1	11.3	1.8							20.7	12.1
VARIABLE													
CALM	////////////////////////////////////												////
TOTALS	.5	5.3	17.9	57.7	19.2	.5						100.0	13.4

TOTAL NUMBER OF OBSERVATIONS: 435

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 615410 STATION NAME: DAKAR SENEGAL

PERIOD OF RECORD: 76-89
MONTH: MAR DAYS(LST): 1200-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56-59		
N		1.1	6.0	29.5	5.8							42.5	13.3
NNE		1.3	5.8	18.1	7.9	.6						33.5	15.7
NE		.4	2.4	5.2	1.5							9.5	13.0
ENE			.4	.2								.5	9.7
E			.2	.2								.4	10.0
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W			.2									.2	9.0
WNW		.4	.9									1.3	5.8
NW	.2	.6	1.7	.6								3.2	9.7
NNW		.2	2.8	4.7	.6							3.4	12.2
VARIABLE													
CALM	////////////////////											.2	////
TOTALS	.2	4.1	20.5	58.6	15.7	.6						100.0	13.0

TOTAL NUMBER OF OBSERVATIONS: 454

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 616413 STATION NAME: DAKAR SENEGAL

PERIOD OF RECORD: 75-85
MONTH: MAR HOURS(UT): 0000-1100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56-59	
N		1.2	11.9	20.0	2.6	.2					55.9	11.7
NNE		1.0	8.1	18.1	4.3						31.4	12.9
NE			4.0	5.9	1.2						11.2	12.1
ENE	.2	.7	1.4	1.0	.2						3.5	7.2
E			1.2								1.2	9.0
ESE												
SE												
SSE												
S		.2									.2	4.0
SSW		.2									.2	5.0
SW												
WSW												
W	.2	.2									.5	3.5
WNW	.2	.2	.7								1.2	7.2
NW	.2	1.4	2.4	.7							4.9	7.8
NNW		1.0	3.3	4.8	.2						9.3	13.7
VARIABLE												
CALM	////////////////////////////////////										.2	////
TOTALS	1.0	6.2	53.0	50.4	8.6	.2					133.3	11.5

TOTAL NUMBER OF OBSERVATIONS: 421

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 615413 STATION NAME: DAKAR SENEGAL

PERIOD OF RECORD: 76-85
MONTH: MAR HOURS: 0500-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL K	AUG WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56-65	
N		4.2	17.9	13.4	1.1						36.5	13.2
NNE		1.9	15.5	10.1	2.4						29.9	13.4
NE		.4	6.9	1.9							9.2	9.7
ENE		.2	.6	.2							1.1	9.2
E		.4	.2								.6	5.0
ESE												
SE												
SSE												
S		.2									.2	5.0
SSW			.2								.2	13.0
SW		.2									.2	4.0
WSW	.2	.2									.4	4.0
W	.2	.4									.5	4.0
WNW	.2	.8	.2	.2							1.5	5.1
NW	.2	2.1	1.5	.4							4.2	5.7
NNW	1.1	2.7	8.4	2.5	.2						14.9	9.5
VARIABLE												
CALM	////////////////////										2.3	////
TOTALS	1.9	13.9	31.5	28.9	1.7						100.0	9.4

TOTAL NUMBER OF OBSERVATIONS: 476

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 615413 STATION NAME: JAKAR SENEGAL

PERIOD OF RECORD: 75-85
MONTH: MAR HOURS(UTC): 0000-0600

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56-65		
N		3.0	23.6	11.0	.2							37.9	9.9
NNE		.9	12.1	11.0	.2							24.3	10.9
NE		.2	4.2	.9								5.4	9.5
ENE			.2	.2								.5	11.5
E													
ESE													
SE													
SSE													
S													
SSW		.2	.2									.5	5.0
SW													
WSW													
W		.5										.5	5.0
WNW		.9	.2	.2								1.4	5.5
NW	.7	1.9	3.0	.5								5.1	5.9
NNW	.7	6.3	11.7	2.8								21.5	3.1
VARIABLE													
CALM	////////////////////											2.1	////
TOTALS	1.6	15.8	55.4	26.6	.5							100.0	9.3

TOTAL NUMBER OF OBSERVATIONS: 428

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 615413 STATION NAME: DAKAR SENEGAL

PERIOD OF RECORD: 75-85
MONTH: MAR HOURS(LOCAL): 0000-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	.4	4.9	23.3	8.5	.4							37.7	9.3
NNE		1.2	15.8	7.6	.4							25.1	11.2
NF	.2	.2	3.7	.8								4.9	9.3
ENE				.4								.4	13.5
E													
ESE													
SE													
SSE													
S													
SSW			.2									.2	7.0
SW				.2								.2	13.0
WSW		.2										.2	5.0
W		.6	.6									1.2	5.2
WNW	.4	1.4	.2									2.1	4.8
NW	.2	1.4	3.5	1.4								5.5	8.2
NNW	.4	5.1	11.5	2.3	.2							19.5	9.0
VARIABLE													
CALM	////////////////////											1.7	////
TOTALS	1.6	15.2	38.8	21.4	1.0							100.0	9.9

TOTAL NUMBER OF OBSERVATIONS: 436

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 615410 STATION NAME: DAKAR SENEGAL

PERIOD OF RECORD: 75-85
MONTH: FEB HOURS/DAY: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56-65	
N	.2	3.3	13.5	15.0	1.0	.1					33.1	10.7
NNE	.1	2.7	15.7	12.3	1.9	.1					33.8	10.9
NE	.0	1.2	7.1	3.2	.2						11.9	9.9
NNE		.3	1.1	.3	.0						1.9	9.2
E		.1	.6	.9	.0						1.1	10.2
ESE			.1	.1							.2	11.0
SE		.1	.1								.1	7.5
SSE												
S				.0							.0	11.0
SSW		.1	.1	.0							.3	7.8
SW	.0	.1	.1								.2	6.8
WSW		.1									.1	5.0
W	.1	.1									.1	4.0
WNW		.4	.2	.1							.7	7.6
NW	.1	1.2	1.5	1.1							3.9	8.4
NNW	.1	2.2	5.9	2.9	.0						11.1	9.1
VARIABLE												
CALM											1.7	////
TOTALS	.6	11.8	46.0	36.4	3.2	.2					100.0	10.1

TOTAL NUMBER OF OBSERVATIONS: 3427

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 616410 STATION NAME: DAKAR SENEGAL

PERIOD OF RECORD: 76-85
MONTH: FEB HOURS: 2100-2500

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-5	6-10	11-15	16-20	21-25	26-30	31-35	36-40	41-45	46-50		
N	.5	6.5	18.8	9.4	.3						35.5	9.0
NNE		2.3	26.1	10.7	.3						39.4	10.0
NE			2.6	.8							3.4	10.0
ENE												
E												
ESE												
SE												
SSE												
S												
SSW												
SW												
WSW												
W	.5	.3									.8	3.3
WNW		.3	.3								.6	5.0
WW		1.8	1.3								3.1	5.5
NNW		5.5	7.6	.8							13.9	7.7
VARIABLE												
CALM	////////////////////										3.4	////
TOTALS	1.0	16.7	56.7	21.7	.5						100.0	9.8

TOTAL NUMBER OF OBSERVATIONS: 343

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 615413 STATION NAME: DAKAR SENEGAL

PERIOD OF RECORD: 75-85
MONTH: APR HOURS: 0700-1100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL #	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.5	.5	10.0	51.5	5.6	.2					43.4	12.9
NNE		.2	4.0	13.1	4.2	.5					22.0	15.8
NE			.5	4.0	.5						4.9	15.9
ENE			.2	.2							.5	13.0
E												
ESE												
SE		.2									.2	5.0
SSE												
S												
SSW					.2						.2	20.0
SW	.2	.5									.7	4.0
WSW		.2									.2	5.0
W		.5									.5	5.0
WNW		.2	.5	.2							.9	3.3
NW		1.4	3.5	.2	.2						5.4	7.9
NNW		.2	8.2	7.5	.2						15.1	13.9
VARIABLE												
CALM	////////////////////											////
TOTALS	.7	4.0	26.9	56.8	11.0	.7					133.0	12.4

TOTAL NUMBER OF OBSERVATIONS: 428

GLOBAL CLIMATOLOGY BRANCH
USAF/ETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 615417 STATION NAME: JAKAR SENEGAL

PERIOD OF RECORD: 75-85
MONTH: APR HOURS(EST): 1200-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N		.2	5.7	31.3	11.3	1.1					59.1	14.2
NNE		.4	2.0	14.9	4.6	.9					22.7	14.5
NE		.4	.4	2.0	.4	.2					3.5	12.8
NNE			.2								.2	10.0
E												
ESE				.2							.2	15.0
SE												
SSE			.2	.2							.4	9.5
S		.2									.2	5.0
SSW				.2							.2	14.0
SW			.2								.2	9.0
WSW												
W		.2	.2								.4	7.0
WNW		.4	.2		.2						.9	9.3
WM	.2	.7	3.5	1.3							5.7	9.0
NNW		.4	6.0	7.5	.9						14.8	11.3
VARIABLE												
CALM	////////////////////										.2	////
TOTALS	.2	3.1	14.8	58.1	17.4	2.2					100.0	13.3

TOTAL NUMBER OF OBSERVATIONS: 453

GLOBAL CLIMATOLOGY BRANCH
USAF/FLTC
AIR WEATHER SERVICE/HAG

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 615413 STATION NAME: JAKAR GENERAL

PERIOD OF RECORD: 75-85
MONTH: APR HOURS(EST): 1500-1700

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
V		.9	3.2	32.4	14.5						51.0	14.8
NNE			.2	3.2	3.0	.9					7.4	15.9
NE				.7							.7	15.0
ENE												
E												
ESE												
SE												
SSE												
S			.5								.5	7.0
SSW		.2	.2								.5	7.5
SW												
WSW		.2									.2	5.0
W		.2	.5								.7	7.7
WNW			1.6	.2							1.8	9.3
NW		.5	3.0	3.0							5.4	10.6
NNW		.5	7.1	21.5	1.6						30.8	12.5
VARIABLE												
CALM												
TOTALS		2.5	16.3	61.1	19.1	.9					100.0	13.7

TOTAL NUMBER OF OBSERVATIONS: 435

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 616910 STATION NAME: DAKAR SENEGAL

PERIOD OF RECORD: 75-85
MONTH: APR HOURS(LST): 1800-2100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56-59		
N			13.0	28.4	4.6							45.0	13.0
NNE		+2	+4	2.2	+2							3.0	11.9
NF				+2								.2	12.0
ENE													
E													
ESE													
SE													
SSE													
S													
SSW				+4								.4	3.5
SW			+2	+2								.4	5.5
WSW													
W		1.1	+4									1.5	5.9
WNW		+4	2.0	+2								2.6	3.5
NW		1.5	4.1	4.3								10.0	13.1
NNW		1.1	16.1	21.5								38.6	13.9
VARIABLE													
CALM	////////////////////											.2	////
TOTALS		4.6	33.6	56.3	4.8							100.0	11.6

TOTAL NUMBER OF OBSERVATIONS: 451

GLOBAL CLIMATOLOGY BRANCH
USAF/ETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 616410 STATION NAME: DAKAR SENEGAL

PERIOD OF RECORD: 75-85
MONTH: APR HOURS(EST): 2100-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 55	
N	.5	2.0	18.9	19.1	1.7						42.2	11.3
NNE		.2	3.2	3.2							6.5	10.9
NE			.7								.7	9.3
ENE												
E												
ESE												
SE												
SSE												
S		.2									.2	5.0
SSW												
SW												
WSW		.2									.2	5.0
W	.2	.7									1.3	4.0
WNW	.2	.5	.2	.2							1.2	7.8
NW	.2	3.7	2.9	1.2							8.1	7.5
NNW		5.6	20.6	12.3							39.5	9.5
VARIABLE												
CALM	////////////////////										1.2	////
TOTALS	1.2	13.2	46.6	36.0	1.7						100.0	10.0

TOTAL NUMBER OF OBSERVATIONS: 438

GLOBAL CLIMATOLOGY BRANCH
USAF/ETC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 616410 STATION NAME: DAKAR SENEGAL

PERIOD OF RECORD: 75-85
MONTH: APR HOURS(EST): ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.3	2.1	13.3	24.5	5.0	.2					45.3	12.2
NNE	.0	.7	3.2	6.8	1.7	.3					12.7	12.3
NE		.1	.6	1.0	.1	.0					1.8	12.1
ENE		.0	.2	.0							.2	3.5
E												
ESE		.0		.0							.1	10.0
SE		.0									.0	5.0
SSE			.0	.0							.1	9.5
S	.0	.1	.1								.2	5.2
SSW	.0	.1	.1	.0	.0						.3	3.8
SW	.1	.1	.1								.2	5.1
WSW	.1	.2									.2	4.1
W	.1	.6	.1	.0							.9	5.5
WNW	.1	.6	.7	.2	.0						1.5	7.7
W	.1	2.2	3.5	1.7	.0	.0					7.5	3.5
NNW	.1	2.6	13.8	11.3	.3						28.2	10.2
VARIABLE												
CALM	////////////////////////////////////										.9	////
TOTALS	.9	9.3	35.7	45.6	7.2	.5					100.0	11.2

TOTAL NUMBER OF OBSERVATIONS: 3528

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 615417 STATION NAME: DAKAR SENEGAL

PERIOD OF RECORD: 75-85
MONTH: MAY HOURS/DATE: 0000-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56-55	
N		2.4	15.3	18.5	.6						55.7	11.0
NNE		.4	1.8	2.8							5.0	11.2
NF												
ENE		.2	.2	.2							.5	9.3
E		.2									.2	5.0
ESE												
SE												
SSE		.2									.2	5.0
S		.2									.2	5.0
SSW		.4	.2								.5	5.7
SW												
WSW		.2									.2	5.0
W	.6	1.2	.4								2.2	4.7
WNW		2.2	1.4								3.6	5.8
NW	.4	4.2	9.9	1.4							14.9	7.5
NNW	.8	6.7	14.1	4.4							25.0	8.2
VARIABLE			.2								.2	10.0
CALM	////////////////////										9.5	////
TOTALS	1.4	18.5	42.5	27.2	.6						100.0	8.3

TOTAL NUMBER OF OBSERVATIONS: 534

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 616413 STATION NAME: DAKAR SENEGAL

PERIOD OF RECORD: 75-85
MONTH: MAY HOURS(EST): 0000-2300

WIND SPEED IN KNOTS													
DIRECTION (DEGREES)	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56-59	TOTAL %	MEAN WIND
N	.2	2.0	12.7	12.7	1.8	.2						29.3	11.0
NNE	.2	1.8	2.7	2.5								7.3	9.4
NE		.2	.9									1.1	9.0
NNE		.2										.2	5.0
E													
ESE		.2	.2									.5	5.0
SE													
SSE													
S			.2									.2	3.0
SSW		.2	.2									.5	5.0
SW	.2	.5	.2									.9	5.5
WSW		.9										.9	5.0
W	.9	1.8	.2									3.0	3.8
WNW	.5	3.2	1.1									4.8	5.6
WW	.2	5.7	7.5	1.6								15.0	7.5
NNW	.5	6.1	14.3	5.5								26.4	3.8
VARIABLE													
CALM	////////////////////////////////////											7.5	////
TOTALS	2.7	23.0	40.5	22.3	1.8	.2						100.0	3.1

TOTAL NUMBER OF OBSERVATIONS: 440

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 615410 STATION NAME: DAKAR SENEGAL

PERIOD OF RECORD: 75-85
MONTH: MAY HOURS(UT): 0600-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56-63		
N		3.2	14.8	19.2	2.0		.2					39.5	11.3
NNE		1.6	4.5	3.8	.2							10.1	13.1
NF		.2	.6	.2								1.0	9.0
ENE													
E		.2										.2	5.0
ESE													
SE													
SSE													
S		.2										.2	5.0
SSW		.4										.4	4.0
SW													
WSW	.2	.4	.2									.8	5.5
W	.2	1.6	1.0									2.8	5.2
WNW	.4	2.0	1.6	.2								4.3	5.2
NW	.6	5.5	4.9	1.2								12.1	7.1
NNW	.6	3.6	10.1	3.4								17.8	3.4
VARIABLE													
CALM	////////////////////											13.7	////
TOTALS	2.0	19.0	37.7	28.1	2.2		.2					100.0	3.5

TOTAL NUMBER OF OBSERVATIONS: 494

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 616410 STATION NAME: DAKAR SENEGAL

PERIOD OF RECORD: 75-85
MONTH: MAY HOURS(EST): 0900-1100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	.2	.7	12.4	24.8	4.9							43.0	12.5
NNE		.2	3.2	8.7	2.1							14.3	13.3
NE	.2	.2	.5	.9								1.8	13.0
ENE			.7									.7	3.7
E													
ESE													
SE		.2										.2	4.0
SSE		.2										.2	4.0
S		.2										.2	4.0
SSW		.7										.7	5.0
SW		.5	.5									.9	7.3
WSW		.2										.2	4.0
W	.5	.9	.9									2.3	5.2
WNW		1.4	1.8	.2								3.4	7.5
NW	.2	1.8	5.7	2.5								10.3	3.8
NNW		3.4	8.7	7.1	.2							19.5	9.7
VARIABLE													
CALM												2.1	////
TOTALS	1.1	10.8	34.5	44.4	7.1							100.0	10.9

TOTAL NUMBER OF OBSERVATIONS: 455

GLOBAL CLIMATOLOGY BRANCH
USAF/ETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 616410 STATION NAME: DAKAR SENEGAL

PERIOD OF RECORD: 75-85
MONTH: MAY HOURS(DST): 1200-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56-65		
N		1.2	9.1	23.9	3.9							43.2	13.5
NNE			1.8	7.7	3.2							12.8	14.0
NE		.2	.6	1.8	.2							2.8	13.1
ENE				.2								.2	15.0
E		.2										.2	5.0
ESE													
SF													
SSE						.2						.2	18.0
S		.2										.2	5.0
SSW		.2	.4									.6	7.3
SW													
WSW													
W		1.0	1.2									2.2	5.8
WNW		.8	1.2	1.2								3.2	9.4
NW		1.4	7.5	2.8								11.8	9.4
NNW		.8	8.1	12.0	1.2							22.1	11.8
VARIABLE													
CALM	////////////////////											.4	////
TOTALS		6.1	30.0	49.7	13.8							100.0	12.3

TOTAL NUMBER OF OBSERVATIONS: 473

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 616410 STATION NAME: DAKAR SENEGAL

PERIOD OF RECORD: 75-85
MONTH: MAY HOURS(EST): 1500-1700

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56-59	
N		.7	4.8	24.2	9.2						39.9	14.3
NNE			1.3	2.9	.4						4.6	12.9
NE				.2							.2	13.0
ENE												
E												
ESE												
SE												
SSE												
S		.2									.2	3.0
SSW			.2								.2	8.0
SW												
WSW		.4	.4	.2							1.1	7.3
W		1.1	1.5								2.6	7.1
WNW		.7	1.5	.7							2.9	3.8
WW		1.3	7.2	6.6	.2						15.3	10.1
NW		.4	8.3	23.1	2.2						34.1	12.5
VARIABLE												
CALM	////////////////////											////
TOTALS		4.8	25.3	57.9	12.0						100.0	12.5

TOTAL NUMBER OF OBSERVATIONS: 428

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 616413 STATION NAME: DAKAR SENEGAL

PERIOD OF RECORD: 76-85
MONTH: MAY HOURS (UTC): 1800-2000

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL #	AVERAGE WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56-65		
N	.2	1.0	6.1	29.6	3.9							35.8	13.1
NNE		.4	1.4	.8	.2							2.8	10.4
NF		.4	.2									.5	7.3
ENE													
E													
ESE													
SE			.2									.2	10.0
SSE													
S													
SSW		.2		.2								.4	8.5
SW			.2									.2	8.0
WSW													
W	.2	2.2	1.0	.2								3.7	5.0
WNW		.8	1.8									2.5	7.5
NW		1.8	10.0	5.7								17.5	9.3
NNW		2.2	15.7	17.1	.8							35.8	11.0
VARIABLE													
CALM	////////////////////////////////////											.4	////
TOTALS	.4	9.1	36.5	48.5	4.9							100.0	11.1

TOTAL NUMBER OF OBSERVATIONS: 492

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 616410 STATION NAME: DAKAR SENEGAL

PERIOD OF RECORD: 75-85
MONTH: MAY HOURS/DAYS: 2100-2300

DIRECTION (00-90-180-270-360)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-5	6-10	11-15	16-20	21-25	26-30	31-35	36-40	41-45	46-50	51-55		
N	.4	2.9	12.7	23.5	1.5							38.2	11.2
NNE	.2	.2	.4	2.3								2.9	13.7
NE		.2										.2	4.0
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW		.2										.2	5.3
WSW			.4									.4	8.3
W		.7	1.1									1.8	5.8
WNW		2.9	1.6									4.5	5.3
NW	.9	6.5	7.1	.9								15.4	5.8
NNW	.2	5.1	18.3	6.7	.2							31.5	7.2
VARIABLE			.2									.2	9.3
CALM	////////////////////											5.5	////
TOTALS	1.8	18.7	42.0	30.1	1.8							100.3	8.9

TOTAL NUMBER OF OBSERVATIONS: 444

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 616413 STATION NAME: DAKAR SENEGAL

PERIOD OF RECORD: 75-84
MONTH: JUL HOURS(UTC): 0000-1100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56-59		
N	.2	1.1	4.7	1.5								7.5	3.3
NNE	.2	1.6	.7	.7								3.1	7.9
NE	.2	.2										.4	3.5
ENE		.2	.7									.9	3.0
E	.9	.7	.9	.2								2.2	3.5
ESE			.4	.2								.7	13.7
SE			.2		.4							.7	15.7
SSE		.4	.9	.2								1.5	3.1
S	.9	.9	.9									2.2	5.9
SSW		1.6	.4	.7	.2							2.9	3.5
SW	.2	2.4	1.6									4.2	5.2
WSW	.2	3.3	2.9	.9								7.3	7.5
W	.7	4.7	8.9	1.6								15.8	7.9
WNW	1.1	5.1	5.7	1.1								14.2	7.3
NW	.9	3.1	9.1	3.1								15.8	3.5
NNW	.9	2.9	8.0	2.7								14.0	3.7
VARIABLE				.2								.2	12.0
CALM	////////////////////											5.5	////
TOTALS	4.7	28.3	47.0	12.9	.7							100.0	7.5

TOTAL NUMBER OF OBSERVATIONS: 449

GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
 USAFLTAC FROM HOURLY OBSERVATIONS
 AIR WEATHER SERVICE/MAC

STATION NUMBER: 615413 STATION NAME: DAKAR SENEGAL

PERIOD OF RECORD: 75-84
 MONTH: JUL HOURS(EST): 0500-2500

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL #	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56-65	
N	.2	1.8	4.4								5.5	7.9
NNE	.2	.4	.2	.4							1.2	7.0
NE	.4	.8	.2								1.4	4.9
ENE		.2	.4								.5	7.0
E	.2	.8	.6	.2							1.8	5.7
ESE			.2								.2	10.0
SE		.2	.4								.5	3.0
SSE		.4	.2								.5	5.7
S	.2	.2				.2					.5	10.0
SSW	.2	.4	.4	.4	.2						1.5	7.4
SW		1.0	.4	.2							1.5	7.4
WSW	.6	2.8	2.4	.4	.2						6.5	5.9
W	2.4	7.1	9.5	.2							19.2	5.5
WNW	.4	6.3	5.9	.4							13.9	5.9
NW	.2	5.7	9.1	1.0							15.0	7.5
NNW	.4	3.0	6.3	.4							10.5	7.5
VARIABLE												
CALM	////////////////////										11.2	////
TOTALS	5.5	31.1	41.6	4.0	.4	.2					100.0	5.9

TOTAL NUMBER OF OBSERVATIONS: 475

GLOBAL CLIMATOLOGY BRANCH
USAF/ETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 616413 STATION NAME: DAKAR SENEGAL

PERIOD OF RECORD: 75-84
MONTH: JUL HOURS(LST): 0300-0500

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	SE 55	
N		2.1	1.4	1.2							4.6	3.0
NNE		1.4	.2								1.6	3.1
NE		.2									.2	5.0
ENE			.5	.5							.9	11.5
E	.2	.7	.2								1.2	5.4
ESE		.5									.5	4.0
SE			.2	.2							.5	10.0
SSE		.5				.2					.7	9.0
S		.7	.2								.9	5.5
SSW	.2	.7	.7			.5					2.1	9.0
SW	.2	1.2	1.4	.5							3.2	7.4
WSW	.9	2.3	1.4	.2							4.9	5.7
W	1.9	11.6	6.5	.5							20.4	5.1
WNW	2.1	7.6	7.4	.5							17.5	5.5
NW	.7	7.6	7.2	.9							15.4	7.1
NNW	.2	3.7	3.5	1.9	.2						9.5	3.3
VARIABLE												
CALM	////////////////////										14.8	////
TOTALS	6.5	40.7	53.8	6.2	.9						100.0	5.9

TOTAL NUMBER OF OBSERVATIONS: 432

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 615413 STATION NAME: DAKAR SENEGAL

PERIOD OF RECORD: 75-84
MONTH: JUL HOURS(EST): 0000-0200

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL Σ	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	.2	1.2	1.2	.8								3.4	9.1
NNE		.2	.2									.4	7.5
NE	.2			.2								.4	7.0
ENE	.2	.2	.2									.6	5.0
E	.2		.4	.4								1.0	8.8
ESE			.2									.2	10.0
SE				.2	.4							.6	17.0
SSE		.4		.2								.6	8.3
S		.6	.2	.2								1.0	7.0
SSW	1.0	1.2	.8									3.0	5.0
SW	.6	1.4	.6	.4								3.0	5.2
WSW	.8	4.9	3.6	.2								9.4	5.3
W	2.2	10.0	9.2	.4								22.3	5.3
WNW	1.8	10.2	5.4	.8								18.3	5.0
NW	.8	6.0	6.8	.4								14.1	5.7
NNW	.4	3.4	5.6	1.0								10.4	7.4
VARIABLE													
CALM	////////////////////											11.2	////
TOTALS	8.4	39.8	34.5	5.6	.4							100.0	5.9

TOTAL NUMBER OF OBSERVATIONS: 498

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 616410 STATION NAME: DAKAR SENEGAL

PERIOD OF RECORD: 75-84
MONTH: JUN HOURS/DAY: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56-60	
N	.1	1.5	5.5	3.3	.4	.0					10.9	10.1
NNE		.6	1.1	1.0	.0						2.3	2.9
NE	.1	.1	.3	.3							.9	2.3
ENE		.0	.2								.2	3.0
E	.1	.3	.0	.0	.0						.4	5.2
ESE		.1	.1	.1							.2	3.3
SE		.1	.1	.1							.3	3.7
SSE	.0	.1	.2	.1			.0				.5	2.5
S	.1	.4	.4	.2							.9	7.7
SSW	.1	.7	1.4	.2	.0						2.4	7.8
SW	.3	1.4	2.2	.4							4.3	7.3
WSW	.2	1.9	2.4	.4							5.0	7.3
W	1.0	5.5	5.7	1.2	.0						13.4	7.0
WNW	.9	5.7	6.0	.9	.1						13.6	7.2
WW	.5	5.8	9.2	2.7	.1	.0					13.3	3.3
NNW	.2	3.7	9.6	4.4	.1						18.0	3.9
VARIABLE					.0						.0	13.0
CALM	////////////////////										7.8	////
TOTALS	3.9	27.9	14.4	15.1	.9	.1	.0				100.0	7.5

TOTAL NUMBER OF OBSERVATIONS: 3256

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 696413 STATION NAME: DAKAR SENEGAL

PERIOD OF RECORD: 75-84
MONTH: JUN HOURS/LEST: 2100-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56-65		
N		1.0	7.1	2.5	.3							10.9	13.0
NNE		.3	.5									.3	3.0
NE													
ENE			.3									.3	4.0
E	.3	.3										.5	4.5
ESE				.3	.5							.9	11.3
SE													
SSE													
S	.3		.3									.5	5.0
SSW	.3	1.3	2.0									3.5	7.1
SW	.5	1.3	2.0									3.3	5.5
WSW		1.0	1.8									2.8	7.2
W	1.8	6.8	7.1									15.6	5.1
WNW	2.3	8.1	6.5		.3							15.9	5.4
NW	.3	8.6	8.8	2.5								20.2	7.4
NNW		4.8	9.3	2.5								15.6	8.2
VARIABLE													
CALM	////////////////////											7.1	////
TOTALS	5.3	33.5	45.6	8.1	.5							100.0	5.9

TOTAL NUMBER OF OBSERVATIONS: 397

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 615910 STATION NAME: DAKAR SENEGAL

PERIOD OF RECORD: 75-84
MONTH: JUN HOURS(EST): 1800-2100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56-59	
N		.2	4.2	5.2	.2						9.9	11.3
NNE		.5	.5	.5							1.4	3.3
NE												
ENE												
E			.2								.2	7.0
ESE												
SE												
SSE			.2								.2	3.0
S		.2	.2								.5	7.0
SSW		.5	.7	.2							1.4	8.3
SW	.5	2.1	1.6	.5							4.7	7.1
WSW	.2	2.6	3.1	.5							6.3	7.3
W	.2	4.9	9.6	.9							15.7	7.5
WNW	.2	4.0	10.6	1.5	.5						16.9	3.5
NW	.2	3.1	14.8	4.5	.2						22.8	9.1
NNW		2.3	9.4	8.0	.2						20.0	10.1
VARIABLE												
CALM	////////////////////											////
TOTALS	1.4	20.4	35.2	21.8	1.2						100.0	9.9

TOTAL NUMBER OF OBSERVATIONS: 426

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 616417 STATION NAME: DAKAR SENEGAL

PERIOD OF RECORD: 75-84
MONTH: JUN HOURS/EST: 1500-1700

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 55	
V		.8	3.9	4.7	.5	.3					13.2	11.4
NVE		.3	.8	.5							1.6	9.3
NE												
ENE												
E												
ESE												
SE												
SSE												
S		.3	.5								.8	3.0
SSW	.3	1.0	1.3	.3	.3						3.1	7.8
SW		1.3	3.4	1.0							5.8	3.6
WSW	.3	1.0	4.2	.8							6.3	3.6
W	.3	3.4	8.9	3.7							16.2	9.9
WNW		1.8	7.3	1.9							11.0	9.9
NW		2.1	13.4	6.0	.3						21.7	9.7
NNW		2.6	11.0	9.2	.5						23.3	10.4
VARIABLE												
CALM	////////////////////											////
TOTALS	.9	14.7	54.7	28.0	1.6	.3					100.0	9.6

TOTAL NUMBER OF OBSERVATIONS: 332

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 616410 STATION NAME: DAKAR SENEGAL

PERIOD OF RECORD: 75-84
MONTH: JUN HOURS(EST): 1200-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56-59		
N		1.3	5.9	5.9	1.1							14.3	13.7
NNE		.7	1.1	2.7								4.7	11.1
NE		.2	.4	.4								1.1	9.4
ENE													
E		.7		.2								.9	5.5
ESE													
SE				.2	.2							.4	11.5
SSE		.2		.4								.7	13.7
S		.7	.4	.4								1.1	9.4
SSW		.9	2.9									3.3	3.2
SW	.7	.9	3.8	.7								5.3	7.5
WSW		1.1	3.6	1.1								5.8	9.7
W		2.2	4.3	2.2								8.7	3.7
WNW		2.9	8.1	1.8								12.3	3.7
NW	.2	3.8	13.7	3.6		.2						18.5	3.8
NNW	.2	2.2	12.1	4.7								19.2	9.2
VARIABLE													
CALM	////////////////////											1.3	////
TOTALS	1.1	17.4	34.6	24.2	1.1	.2						100.0	9.1

TOTAL NUMBER OF OBSERVATIONS: 417

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 616410 STATION NAME: DAKAR SENEGAL

PERIOD OF RECORD: 75-84
MONTH: JUN HOURS/EST: 0900-1100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56-59		
N	.3	2.1	9.1	4.5								14.9	7.8
NNE		1.0	1.6	2.9								5.7	10.1
NE	.5	.5	1.3	.8								3.1	8.8
ENE			.5									.5	7.5
E	.3				.3							.5	10.0
ESE		.3										.3	5.0
SE		.3										.3	4.0
SSE	.3		.5									.8	5.3
S													
SSW	.3	.8	.5	.3								1.3	5.4
SW	.3	2.1	1.6	.5								4.5	7.2
WSW		2.6	2.4	.5								5.5	7.4
W	.8	6.5	5.5	1.3								14.7	7.4
WNW	.3	5.8	5.5	.8								12.3	7.2
NW	.3	5.5	8.1	1.0								14.9	7.4
NNW	.3	2.1	8.6	3.4								14.4	7.2
VARIABLE													
CALM	////////////////////											5.5	////
TOTALS	3.4	29.6	44.2	16.3	.3							100.0	7.5

TOTAL NUMBER OF OBSERVATIONS: 332

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 616413 STATION NAME: DAKAR SENEGAL

PERIOD OF RECORD: 75-84
MONTH: JUN HOURS: 0500-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56-59		
N	.2	2.3	5.5	1.9								9.9	3.7
NNE		.2	2.1	.5								2.7	3.7
NE		.2	.7	.5								1.4	3.7
ENE			.5									.5	10.0
E		.2										.2	4.0
ESE		.2	.5									.7	7.7
SE		.5	.2									.7	7.3
SSE		.2	.5									.7	7.7
S		.9	.7									1.6	7.0
SSW		.2	1.1									1.4	3.2
SW		1.4	1.8	.2								3.4	7.2
WSW	.5	2.1	2.5	.2								5.3	6.7
W	1.8	5.7	3.0	.5								11.0	5.9
WNW	1.8	6.6	3.0	.5								11.9	5.0
NW	.5	7.1	5.9	.9								14.4	5.9
NNW		4.8	9.8	2.5								17.2	3.2
VARIABLE						.2						.2	13.7
CALM												15.9	////
TOTALS	4.8	32.7	37.8	7.6	.2							100.0	5.1

TOTAL NUMBER OF OBSERVATIONS: 457

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 616410 STATION NAME: DAKAR SENEGAL

PERIOD OF RECORD: 75-84
MONTH: JUN HOURS(EST): 0300-0500

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N		2.9	2.8	1.1	.6							7.3	2.3
NNE		.8	1.4	1.4	.3							3.9	10.1
NE													
ENE			.3									.3	2.3
E		.3										.3	6.3
ESE		.3										.3	4.3
SE		.3		.3								.5	2.5
SSE		.3		.6			.3					1.1	14.0
S		.6	.3	.5								1.4	2.5
SSW		.6	1.1	.6								2.2	2.5
SW		1.1	2.5									3.7	2.5
WSW	.6	3.1	.8									4.5	5.3
W	1.7	6.5	3.9									12.1	5.7
WNW	1.1	2.3	3.4	.3								14.0	5.7
NW	1.4	8.1	5.6	1.1								16.3	5.5
NNW	.3	5.3	6.7	2.5								14.9	3.0
VARIABLE													
CALM	////////////////////											17.1	////
TOTALS	5.1	39.3	28.9	8.4	.8		.3					100.0	5.9

TOTAL NUMBER OF OBSERVATIONS: 356

GLOBAL CLIMATOLOGY BRANCH
USAF/ETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 615410 STATION NAME: DAKAR SENEGAL

PERIOD OF RECORD: 75-84
MONTH: JUN HOURS(EST): 0000-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56-65	
N	.5	1.6	5.2	1.4	.7						9.3	9.1
NNE		.9	1.1	.2							2.3	3.2
NE			.7	.5							.7	12.0
ENE												
E		.7									.7	5.3
ESE												
SE			.2								.2	10.3
SSE			.5								.5	3.0
S	.2	.7	.5	.2							1.6	5.5
SSW		.5	1.4								1.8	7.8
SW	.7	1.1	1.1								3.0	5.0
WSW	.5	2.1	.7								3.2	5.5
W	1.9	7.7	3.4	.5	.2						13.7	5.0
WNW	2.1	2.5	3.2		.2						13.0	5.5
NW	1.4	8.7	6.2	1.5							17.8	5.7
NNW	1.1	5.5	7.1	2.5							13.2	7.5
VARIABLE												
CALM	////////////////////										14.1	////
TOTALS	8.2	36.9	32.8	6.8	1.1						107.0	5.9

TOTAL NUMBER OF OBSERVATIONS: 439

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 615410 STATION NAME: DAKAR SENEGAL

PERIOD OF RECORD: 75-85
MONTH: MAY HOURS/DAYS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS								TOTAL	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40		
N	.1	1.8	11.0	21.1	4.1	.0	.0		38.2	12.3
NNE	.1	.6	2.2	3.9	.9				7.4	12.0
NE	.0	.2	.3	.4	.0				1.0	10.6
NNE		.1	.1	.1					.2	9.4
E		.1							.1	5.3
ESE		.0	.0						.1	5.0
SE		.0	.0						.1	7.0
SSE		.1			.0				.1	9.3
S		.1	.0						.2	5.7
SSW		.3	.1	.0					.4	5.2
SW	.0	.1	.1						.3	5.4
WSW	.0	.3	.1	.0					.5	5.2
W	.3	1.3	.9	.0					2.5	5.9
WNW	.1	1.7	1.5	.3					3.6	5.9
W	.3	3.5	7.4	2.8	.0				14.1	9.3
NNW	.3	3.6	12.2	9.9	.6				26.5	10.1
VARIABLE			.1						.1	9.5
CALM	////////////////////////////////////								4.3	////
TOTALS	1.2	13.7	36.1	38.5	5.5	.0	.0		103.0	10.1

TOTAL NUMBER OF OBSERVATIONS: 3754

GLOBAL CLIMATOLOGY BRANCH
USAF/ETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 615413 STATION NAME: DAKAR SENEGAL

PERIOD OF RECORD: 75-84
MONTH: JUL HOURS(UTC): 1200-1400

DIRECTION (DEGR. FSI)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56-59		
N	.2	2.2	5.7	5.3								12.4	9.1
NNE		.4	.4	1.5								2.4	11.3
NE		.4	1.0									1.4	7.6
ENE		.2										.2	5.3
E	.2	.6	1.0		.2							2.3	4.5
ESE	.2											.2	3.0
SE			.2									.2	7.0
SSE		.2	.2									.4	5.3
S		.4	.4	.4								1.2	9.3
SSW	.2	1.2	2.2	.8								4.5	3.3
SW		1.6	3.3	.8								5.7	3.5
WSW	.2	2.4	5.7	.6	.2							9.2	3.1
W		3.1	9.0	3.7								15.7	9.0
WNW	.4	2.2	6.3	2.9								11.8	3.9
NW	.4	2.9	6.5	3.7								13.4	3.3
NNW		2.9	9.4	4.5	.4							17.1	9.4
VARIABLE													
CALM	////////////////////											2.3	////
TOTALS	1.9	20.8	52.3	22.2	.8							100.3	3.7

TOTAL NUMBER OF OBSERVATIONS: 421

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 616410 STATION NAME: DAKAR SENEGAL

PERIOD OF RECORD: 75-84
MONTH: JUL HOURS/CLST: 1500-1700

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N		.9	2.5	1.8	.2						5.4	9.6
NNE			1.1	.4							1.5	10.3
NE		.2									.2	5.0
NNE				.2							.2	13.0
E			.2								.2	3.0
ESE												
SE												
SSE	.2	.2									.4	4.5
S			.9	.4							1.3	10.5
SSW		.7	3.6	1.8	.2						5.3	10.0
SW	.2	.9	6.5	2.2							9.8	9.1
WSW		1.8	6.7	2.7							11.2	9.2
W		3.4	9.2	4.0							15.5	9.2
WNW		3.6	8.3	2.7							14.5	3.9
NW		1.6	11.6	2.9							15.1	9.3
NNW	.2	1.1	10.3	3.1							14.9	9.4
VARIABLE												
CALM	////////////////////										1.3	////
TOTALS	.7	14.3	50.9	22.4	.4						100.0	9.2

TOTAL NUMBER OF OBSERVATIONS: 447

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 616410 STATION NAME: DAKAR SENEGAL

PERIOD OF RECORD: 75-84
MONTH: JUL HOURS(EST): 1800-2000

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N		.2	1.6	.3							2.5	10.3
NNE			.2	.2							.4	11.5
NE	.2		.2								.4	6.5
ENE												
E		.4	.4								.8	7.5
ESE												
SE		.2									.2	4.0
SSE			.2								.2	10.0
S	.2	.2	.8	.4							1.6	3.9
SSW	.2	1.2	1.4	.2							3.0	7.5
SW	.6	1.2	4.2	.4							6.5	7.8
WSW		4.6	6.7	1.0							12.3	7.6
W		7.3	13.5	3.0							23.8	3.1
WNW	.5	4.4	9.5	2.6							17.1	3.2
NW		5.8	11.3	2.8							20.0	3.3
NNW		1.6	5.6	2.2	.2						9.7	9.2
VARIABLE												
CALM	////////////////////										1.4	////
TOTALS	1.8	27.2	55.6	13.7	.2						100.0	3.1

TOTAL NUMBER OF OBSERVATIONS: 476

GLOBAL CLIMATOLOGY BRANCH
USAF/ETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 616410 STATION NAME: DAKAR SENEGAL

PERIOD OF RECORD: 75-84
MONTH: JUL HOURS(EST): 2100-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56-55	
N	.2	.4	1.5	.4							2.5	5.1
NNE		.2	.2								.4	5.0
NE		.4	.2								.7	5.3
ENE		.2									.2	5.0
E			.2								.2	10.0
ESE		.4									.4	5.0
SE			.2								.2	10.0
SSE	.2										.2	5.0
S		.7	.9								1.5	7.6
SSW		.9	1.3								2.2	7.7
SW		4.9	1.5	.2							6.6	5.0
WSW	.9	4.9	3.5	.4							9.7	5.6
W	1.1	11.5	7.7	1.5							21.9	5.9
WNW	1.3	7.5	8.2	1.8							18.8	7.0
NW	.4	6.4	7.3	1.1							15.2	7.1
NNW		5.1	5.7	1.1	.2						12.1	7.6
VARIABLE												
CALM	////////////////////										5.3	/////
TOTALS	4.2	43.5	38.6	6.6	.2						100.0	5.5

TOTAL NUMBER OF OBSERVATIONS: 453

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 615410 STATION NAME: DAKAR SENEGAL

PERIOD OF RECORD: 75-84
MONTH: JUL HOURS (EST): ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56-65	
N	.1	1.2	3.0	1.2	.0						5.5	3.8
NNE	.1	.5	.4	.4							1.4	3.5
NE	.1	.3	.2	.0							.7	5.0
ENE	.0	.1	.2	.1							.5	3.2
E	.2	.4	.5	.1	.0						1.2	7.3
ESE	.0	.1	.1	.0							.3	7.3
SE		.1	.2	.1	.1						.4	11.5
SSE	.1	.3	.2	.1	.0						.6	7.4
S	.1	.5	.5	.2		.0					1.3	7.9
SSW	.2	1.0	1.4	.5	.1						3.2	3.3
SW	.2	1.8	2.4	.6							5.1	7.6
WSW	.5	3.4	4.1	.9	.1						8.9	7.4
W	1.0	7.3	9.3	1.9							19.5	7.4
WNW	1.0	5.9	7.3	1.6							15.7	7.4
NW	.4	4.9	8.6	2.0							15.9	7.9
NNW	.2	3.0	6.8	2.2	.1						12.3	3.6
VARIABLE				.0							.0	12.0
CALM	////////////////////										7.7	////
TOTALS	4.2	30.7	45.3	11.7	.5	.0					100.0	7.2

TOTAL NUMBER OF OBSERVATIONS: 3751

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 616413 STATION NAME: DAKAR SENEGAL

PERIOD OF RECORD: 75-84
MONTH: AUG HOURS: 0000-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	.4	2.3	2.1	.2								5.0	5.7
NNE	.2	.4										.6	4.7
NE			.2									.2	10.3
ENE		.8										.3	5.5
E	.4	.6	.4									1.5	5.6
ESE	.4		.2									.5	4.3
SE			.2									.2	3.0
SSE	.2	.4	.6	.2								1.5	7.7
S		.8	1.2	.6								2.7	3.5
SSW	1.5	2.1	1.2	.2								5.0	5.7
SW	.6	2.5	1.9	.4								5.4	5.5
WSW	1.0	3.5	1.7	.4								5.7	5.5
W	2.3	7.5	4.2	1.2								15.2	5.2
WNW	1.0	8.9	5.6	.2								15.9	5.1
NW	1.2	5.4	5.2	.4								12.3	5.6
NNW	.6	3.7	5.2	.6								10.2	7.0
VARIABLE													
CALM	////////////////////											15.4	////
TOTALS	10.0	39.1	29.9	4.6								100.0	5.3

TOTAL NUMBER OF OBSERVATIONS: 451

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 616410 STATION NAME: DAKAR SENEGAL

PERIOD OF RECORD: 75-84
MONTH: AUG HOURS(EST): 0300-0500

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56-59		
N		1.8	2.8	.7								5.3	8.0
NNE	.2	1.1	.9	.2								2.5	5.5
NE		.9	.2									1.1	5.0
ENE	.2	.2	.2									.7	4.7
E			.7									.7	9.0
ESE	.2		.2	.2								.7	7.7
SE													
SSE			.5									.5	13.0
S	.2	.9	1.1									2.3	5.9
SSW	1.8	1.4	1.4	.2								4.8	5.4
SW	.9	2.3	.7	.7								4.5	5.2
WSW	.5	3.7	1.4									5.5	5.5
W	1.1	7.3	4.4	.9								13.9	5.3
WNW	1.1	5.5	5.7									12.4	5.5
NW	.5	5.3	6.4	1.1								13.3	7.3
NNW	.9	4.8	5.0	.7								11.5	5.9
VARIABLE													
CALM	////////////////////											23.4	////
TOTALS	7.9	35.3	31.7	4.8								133.3	5.3

TOTAL NUMBER OF OBSERVATIONS: 436

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 615410 STATION NAME: DAKAR SENEGAL

PERIOD OF RECORD: 75-84
MONTH: AUG HOURS/LSST: 0500-0900

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56-59	
N	.2	2.5	4.7	1.0							8.4	5.2
NNE		1.6	1.0								2.7	5.6
NE	.2	.8	.4	.2							1.6	5.8
NNE	.2	.6	.2	.2							1.2	7.2
E	.2	1.2	1.2	.2							2.9	5.9
ESE	.4										.4	3.0
SE	.4	.6	.2								1.2	4.9
SSE	.6	.2	.6								1.4	5.3
S	.2	.4	1.0								1.6	5.6
SSW	.4	1.4	.4	.4							2.7	5.2
SW	.2	1.4	1.8	.4							3.9	7.2
WSW	.4	4.1	2.0								6.6	5.9
W	2.3	6.1	2.5	.4							11.3	5.5
WNW	.8	5.5	3.3	.8							10.5	5.4
NW	1.2	4.9	6.8	.6							13.5	5.9
NNW	.8	4.5	4.3	1.0							10.7	7.2
VARIABLE												
CALM	////////////////////										19.5	////
TOTALS	9.5	36.1	30.5	5.3							100.0	5.3

TOTAL NUMBER OF OBSERVATIONS: 439

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 616410 STATION NAME: DAKAR SENEGAL

PERIOD OF RECORD: 75-84
MONTH: AUG 40URSLST: 0900-1100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 55	
V		1.5	6.3	1.0							9.8	3.7
NNE		1.5	2.4	1.0							4.9	3.6
NE		1.0	.7								1.7	5.7
ENE		.7	1.0								1.7	7.1
E	.7	1.2	1.7	.2							3.9	5.9
ESE	.2	1.0	.5								1.7	5.5
SE		.2	.5	.5							1.2	9.5
SSE		.2	.5	.7							1.5	9.8
S	.5	1.0	.2								1.7	4.9
SSW	.5	2.2	1.2	.7							4.5	5.8
SW	.5	1.0	1.2	.7							3.4	3.1
WSW	.7	3.7	2.7	1.0							8.3	7.3
W	.5	4.6	5.4	.7							11.2	7.3
WNW	.2	3.7	3.2	1.5							8.5	7.7
NW	.2	4.4	6.8	1.7							13.2	7.7
NNW	.7	4.1	7.8	3.2							15.9	3.5
VARIABLE												
CALM	////////////////////										3.3	////
TOTALS	4.9	32.0	42.2	12.9							103.3	7.1

TOTAL NUMBER OF OBSERVATIONS: 410

GLOBAL CLIMATOLOGY BRANCH
USAF/FLTC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 615410 STATION NAME: DAKAR SENEGAL

PERIOD OF RECORD: 75-84
MONTH: AUG HOURS(EST): 1200-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
V	.2	1.9	4.8	1.9	.2						9.1	9.3
NVE		2.3	2.1								4.4	7.0
NE	.2	1.1	1.3	.2							2.7	7.1
ENE	.2		.8								1.1	7.9
E		.8	.2	.2							1.3	5.7
ESE		.2	.4	.2							.8	9.5
SE		.2	1.1	.2							1.5	7.4
SSE		.2	1.1								1.3	3.0
S	.2	1.3	2.5	.8							4.8	3.3
SSW	.4	1.7	2.9	1.7		.2					5.9	3.6
SW	.2	3.2	3.8	1.1							9.2	7.7
WSW		2.1	2.9	1.5							5.5	3.4
W	.5	4.4	5.5	1.3	.2						12.3	7.7
WNW		3.8	4.6	1.9							13.3	3.4
NW		3.8	7.8	2.5							14.1	3.2
NNW	.2	2.3	6.5	2.7	.4						12.2	9.1
VARIABLE												
CALM	////////////////////										2.7	////
TOTALS	2.3	29.3	48.4	16.2	.8	.2					100.0	3.0

TOTAL NUMBER OF OBSERVATIONS: 475

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 615410 STATION NAME: DAKAR SENEGAL

PERIOD OF RECORD: 75-84
MONTH: AUG HOURS/EST: 1500-1700

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N		.9	3.5	2.8							7.3	9.7
NNE		.5	.9								1.4	7.3
NE		.2	.7	.2							1.2	3.8
ENE												
E	.5	.5		.2							1.2	5.0
ESE		.2									.2	5.0
SE			.5								.5	13.0
SSE			.9	.9							1.9	10.6
S	.2	.9	2.8	1.4							5.4	9.1
SSW		1.9	4.2	2.4							9.5	9.3
SW		2.8	3.1	1.4							7.3	3.3
WSW	.5	3.5	5.0	.5							9.4	7.4
W	.9	3.1	8.0	1.7							13.7	3.1
WNW	.2	1.9	6.4	2.1							10.5	3.8
NW		4.0	7.3	2.4							13.7	3.5
NNW	.7	3.3	10.4	1.7							16.3	3.4
VARIABLE					.2						.2	23.0
CALM	////////////////////////////////////										1.4	////
TOTALS	3.1	23.8	53.8	17.7	.2						100.0	3.4

TOTAL NUMBER OF OBSERVATIONS: 424

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 615413 STATION NAME: DAKAR SENEGAL

PERIOD OF RECORD: 75-84
MONTH: AUG HOURS (LST): 1800-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56-55	
N	.4	1.7	2.9	1.1							5.1	7.8
NNE			.8								.8	9.8
NE		.2	.2								.4	5.5
NNE	.2										.2	2.3
E		.8	.2								.6	5.7
ESE			.2								.2	3.3
SE												
SSE	.2	.4	.4								1.1	5.3
S		.2	1.7	.4	.2						2.5	9.9
SSW	.2	1.9	3.4	1.5							5.9	3.5
SW		3.4	5.5	.8							9.7	7.5
WSW	.6	3.8	5.5	1.5							11.3	7.6
W	.4	4.6	8.2	.8							14.1	7.7
WNW	1.1	6.1	7.8	.5	.2						15.9	7.4
WW	.2	4.8	9.	1.5							15.2	3.3
NNW		2.1	6.7	2.1							10.9	3.9
VARIABLE												
CALM	////////////////////										3.2	////
TOTALS	3.4	29.6	53.2	10.3	.4						100.0	7.5

TOTAL NUMBER OF OBSERVATIONS: 476

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 616410 STATION NAME: DAKAR SENEGAL

PERIOD OF RECORD: 75-84
MONTH: AUG HOURS/CLUST: 2100-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56-59		
N		1.4	3.1	.5								5.0	3.0
NNE		.5	.2									.7	5.3
NE				.2								.2	14.0
ENE			.5									.5	13.0
E			.2									.2	13.0
ESE													
SE		.7			.2							1.0	9.0
SSE	.2	.2		.2								.7	5.3
S		1.2	1.0	.2								2.4	7.4
SSW	.7	2.4	2.4	.2								5.3	5.3
SW	1.0	3.6	2.9	.5								7.9	5.4
WSW	.7	2.9		.7								4.3	5.7
W	1.2	8.2	4.3	1.0								14.7	5.4
WNW	.7	5.5	6.7	.5								13.5	5.8
W	.7	7.9	5.5	.7								14.9	5.6
NNW	.7	3.6	7.9	1.2								13.5	7.9
VARIABLE													
CALM	////////////////////											14.7	////
TOTALS	6.0	38.2	34.9	6.0	.2							100.0	5.9

TOTAL NUMBER OF OBSERVATIONS: 416

GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
USAFETAC FROM HOURLY OBSERVATIONS
AIR WEATHER SERVICE/MAC

STATION NUMBER: 615410 STATION NAME: DAKAR SENEGAL

PERIOD OF RECORD: 75-84
MONTH: AUG HOURS/DAY: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56-65	
N	.2	1.8	3.8	1.1	.0						5.9	3.3
NNE	.1	1.0	1.1	.1							2.2	7.3
NE	.1	.5	.5	.1							1.2	7.1
ENE	.1	.3	.3	.0							.3	5.3
E	.2	.6	.6	.1							1.5	5.7
ESE	.2	.2	.2	.1							.5	5.3
SE	.1	.2	.3	.1	.0						.7	7.7
SSE	.2	.2	.5	.2							1.2	3.0
S	.2	.8	1.5	.4	.0						2.9	3.1
SSW	.7	1.9	2.1	.9		.0					5.6	7.5
SW	.4	2.5	2.6	.7							5.3	7.3
WSW	.5	3.4	2.7	.7							7.3	5.8
W	1.2	5.7	5.3	1.0	.0						13.2	5.9
WNW	.7	5.2	5.4	.9	.0						12.2	7.2
NW	.5	5.0	7.0	1.4							13.9	7.5
NNW	.6	3.5	5.7	1.5	.1						12.5	3.0
VARIABLE					.0						.0	20.0
CALC	////////////////////										10.3	////
TOTALS	5.9	33.0	40.5	9.7	.2	.0					100.0	5.6

TOTAL NUMBER OF OBSERVATIONS: 3636

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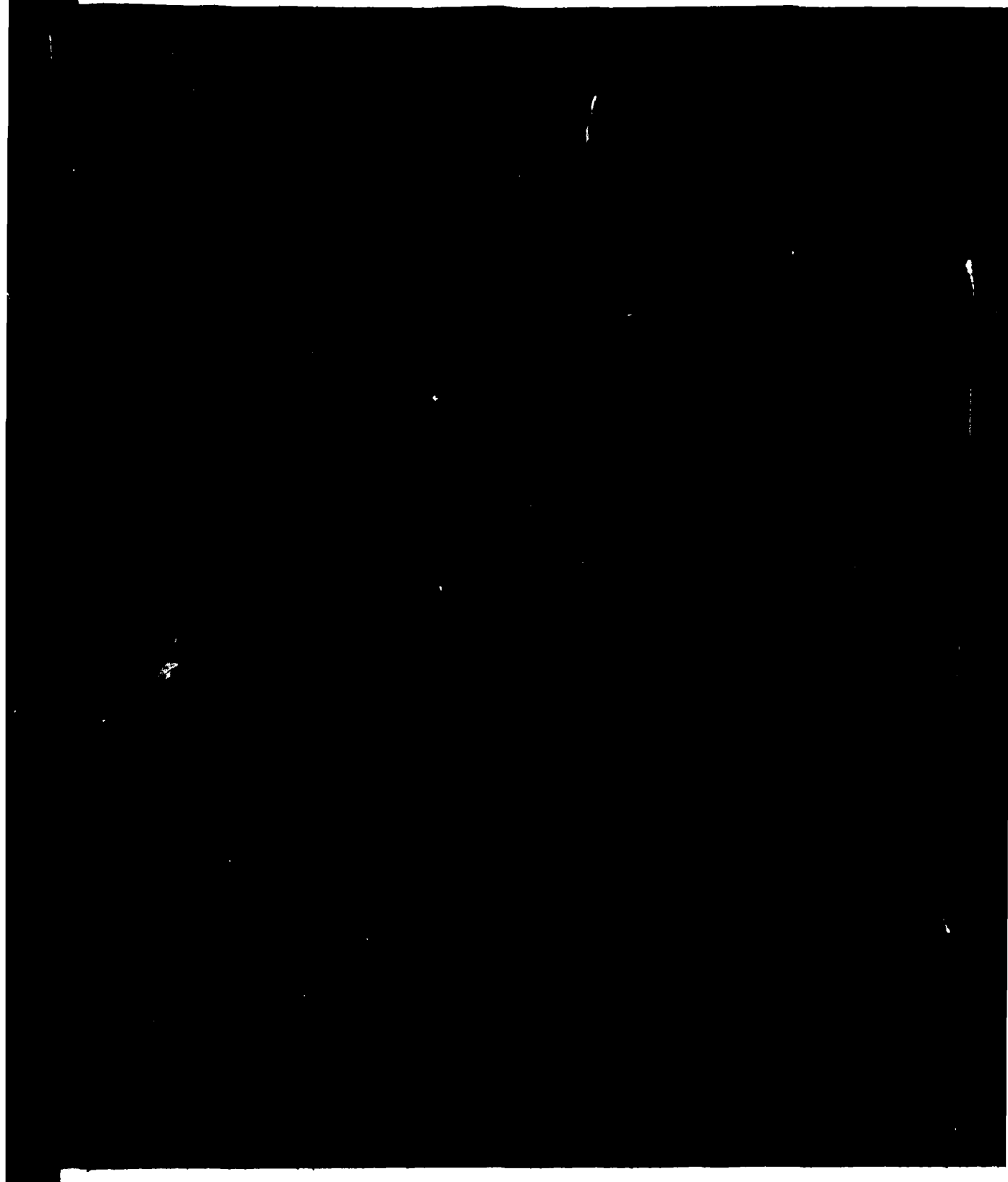
DAKAR SENEGAL LIMITED SURFACE OBSERVATIONS CLIMATIC
SUMMARY (LISOCs) PARTS A C-FU1 AIR FORCE ENVIRONMENTAL
TECHNICAL APPLICATIONS CENTER SCOTT A. SEP 85
USAFETAC/DS-85/048 F/G 4/2

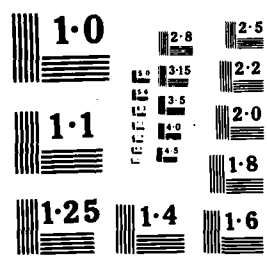
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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 616410 STATION NAME: DAKAR SENEGAL

PERIOD OF RECORD: 75-84
MONTH: SEP HOURS(UT): 0000-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	.4	3.9	1.9	.2								5.4	5.3
NNE		1.5	.4	.4		.2						2.6	3.5
NE		.9	.9	.2								1.9	7.4
ENE	.4		.6									1.1	5.5
E		.4	.2	.2								.9	3.0
ESE	.2	.2	.4	.2								1.1	7.6
SE			.2	.4								.6	11.7
SSE	.2	.9	.2	.2								1.5	5.0
S	.4	.6	.4	.9								2.4	3.5
SSW		2.4	.6									3.0	5.8
SW	.4	2.1	1.3	.2								4.1	5.5
WSW	.9	4.1	1.3	.4								5.6	5.8
W	1.3	7.5	2.6	.4								11.8	5.5
WNW	1.3	3.4	1.5	.2	.2							5.6	5.8
WV	.4	3.4	3.0	.9								7.7	7.1
WNW	.4	7.1	3.4	.5								11.5	5.1
VARIABLE													
CALM	////////////////////											30.2	////
TOTALS	6.4	38.3	19.1	5.6	.2	.2						100.3	4.5

TOTAL NUMBER OF OBSERVATIONS: 457

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 615413 STATION NAME: DAKAR SENEGAL

PERIOD OF RECORD: 75-84
MONTH: SEP HOURS(IST): 0300-0500

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56-59	
V	.3	3.5	1.9								5.7	5.5
NNE	.3	1.9	1.1								2.7	5.4
NE			.3				.3				.5	13.5
ENE	.5	1.1	.3	.5							2.4	7.3
E	.3	1.1	.5	.5	.3	.3					3.0	7.9
ESE		.5	.5								1.1	7.0
SE		.5	.5	.3							1.4	7.2
SSE		.5	.3	.3							1.1	3.3
S		1.4	.3	.3							1.9	5.5
SSW	.3	2.7	.3								3.3	5.0
SW	.5	1.4	.8	.5							3.3	5.8
WSW	1.6	2.2	3.3								7.0	5.9
W	2.7	8.7	2.7	.3							14.4	5.4
WNW	.8	3.5	1.9								5.2	5.7
NW	1.1	5.4	2.2	1.1							9.8	5.1
NNW	1.1	4.3	4.6	.8							10.8	5.9
VARIABLE												
CALM	////////////////////										25.5	////
TOTALS	9.5	38.2	21.4	4.6	.3	.3	.3				100.0	4.9

TOTAL NUMBER OF OBSERVATIONS: 329

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 616413 STATION NAME: DAKAR SENEGAL

PERIOD OF RECORD: 75-84
MONTH: SEP HOURS(LOCAL): 0500-0800

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56-59	
V	.6	2.4	3.7	.9							7.6	7.3
NVE	.2	1.9	1.5	.4							4.1	7.2
VE		.9	.4	.2							1.5	7.9
ENE		1.1	.4	.2			.2				1.9	7.2
E	.2	1.1	2.6	.4							4.3	8.3
ESE		.6	1.1	.2							1.9	8.2
SE												
SSE	.4	.2	.9	.2							1.7	7.1
S	.4	1.1	.2	.4							2.2	7.2
SSW	.4	1.3		.2							1.9	5.2
SW	.2	2.2	.9	.2							3.5	5.3
WSW	.9	2.4	1.5	.2							5.0	5.2
W	.9	7.6	4.3								12.7	5.1
WWV	1.3	6.0	1.7	.4							9.5	5.8
NW	1.3	3.7	3.5	.6							9.1	5.6
NNW	.4	3.2	3.9	.9							9.4	7.4
VARIABLE				.2							.2	15.7
CALM	////////////////////										24.4	////
TOTALS	7.3	35.6	26.6	5.8			.2				100.0	5.1

TOTAL NUMBER OF OBSERVATIONS: 453

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 616413 STATION NAME: DAKAR SENEGAL

PERIOD OF RECORD: 75-84
MONTH: SEP HOURS(UTST): 0900-1100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56-59	
N	.7	3.1	4.1	2.6							10.6	3.5
NNE	.2	.5	1.7	1.2							3.6	2.5
NE		.5	1.0	.2							1.7	3.3
ENE	.2	1.0	.7								1.9	5.9
E	.7	2.2	2.4	.7	.2						5.2	7.3
ESE	.5	.2	.5	1.0							2.2	9.7
SE		.7	.7	1.0							2.4	3.6
SSE	.2	.2	.7	.2							1.4	3.2
S	.2	1.2	1.4								2.9	5.2
SSW	.2	.7	1.7	.5							3.1	7.7
SW	.2	1.9	1.2	.2	.2						3.8	7.4
WSW	1.0	1.2	1.9	.2	.2						4.5	7.1
W	1.2	4.6	6.5	.5							12.7	5.9
WNW	.5	4.1	4.1	1.0							9.6	7.1
NW	.5	2.4	4.3	.7							7.9	7.3
NNW	.5	4.3	8.2	1.2							14.1	7.8
VARIABLE												
CALM											11.3	////
TOTALS	7.0	28.8	41.0	11.3	.7						100.0	5.7

TOTAL NUMBER OF OBSERVATIONS: 417

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 616413 STATION NAME: DAKAR SENEGAL

PERIOD OF RECORD: 75-84
MONTH: SEP HOURS(UT): 1200-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56-59		
N		1.7	6.1	4.4								12.2	9.8
NNE		.9	1.3	1.7								3.9	9.8
NE	.2	.7	1.1	.7								2.6	9.4
ENE		.9	.7	.2								1.7	7.9
E	.2	1.1	.4	.7								2.4	7.7
ESE		.4	.9		.2							1.5	9.7
SE		.7	.9	.4	.2							2.2	10.0
SSE		1.1	1.5	1.3								3.9	9.3
S	.4	.4	1.7	.9	.4							3.9	9.4
SSW		2.2	3.1	.7								5.9	7.7
SW	.2	1.7	3.5	1.3								6.8	9.3
WSW	.4	1.7	3.5	.4								6.1	9.0
W	.2	2.2	5.7	.4								8.5	7.7
WNW		2.4	5.7	1.5								9.6	9.6
NW	1.3	4.1	5.9	1.3	.2							12.9	7.6
NNW		4.1	5.9	2.6								12.5	9.3
VARIABLE													
CALM												3.3	////
TOTALS	3.1	26.4	47.7	18.5	1.1							100.0	9.2

TOTAL NUMBER OF OBSERVATIONS: 459

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 616410 STATION NAME: DAKAR SENEGAL

PERIOD OF RECORD: 75-84
MONTH: SEP HOURS(UT): 1500-1700

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N		1.6	7.7	4.2							13.5	9.5
NNE		.2	.9	.9							2.1	10.2
NE			.7								.7	8.7
NNE			.2								.2	3.3
E		.5	1.2								1.9	7.3
ESE		.5	.5	.7							1.6	9.0
SE			.2	.5							.7	11.7
SSE		.2	.5	1.4							2.1	12.1
S		1.2	1.9	1.4							4.4	9.4
SSW	.2	.7	2.3	1.9							5.1	9.5
SW	.2	3.3	4.7	.5	.5						9.1	8.1
WSW		3.3	3.7	1.6							8.5	3.3
W	.2	4.9	7.0	1.4							13.5	7.7
WNW	.2	2.1	4.2	.9							7.4	8.3
WW	.7	3.3	8.8	1.6							14.4	7.9
NNW	.5	1.6	6.0	4.0							12.1	9.2
VARIABLE												
CALM	////////////////////										2.3	////
TOTALS	2.1	23.3	50.5	20.9	.5						100.0	8.4

TOTAL NUMBER OF OBSERVATIONS: 430

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 615410 STATION NAME: DAKAR SENEGAL

PERIOD OF RECORD: 75-84
MONTH: SEP HOURS(EST): 1800-2100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 55		
N		2.2	4.7	1.5								8.4	9.6
NNE		.2	.4	.5								1.3	9.5
NE		.6	.9									1.5	5.9
ENE		.2										.2	4.0
E	.2	.2	.2									.6	5.7
ESE			.4									.4	3.0
SE				.2								.2	12.0
SSE		.9	.4	.4		.2						1.9	9.6
S		1.1	1.1	1.3	.2							3.7	9.9
SSW		1.9	1.9	.9								4.7	7.9
SW	.6	3.4	3.7	.2								8.0	5.7
WSW	.2	2.2	4.5	.4								7.3	7.3
W	1.5	8.4	6.2	.2								16.3	5.3
WNW	.6	4.7	4.5	.4								10.3	5.8
NW	.6	5.4	6.7	.6								13.3	7.1
NNW	.4	4.1	8.0	1.9								14.4	7.7
VARIABLE													
CALM												7.3	////
TOTALS	4.3	35.5	43.7	8.8	.2	.2						100.0	5.8

TOTAL NUMBER OF OBSERVATIONS: 465

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 616413 STATION NAME: DAKAR SENEGAL

PERIOD OF RECORD: 75-84
MONTH: SEP HOURS(UTC): 2100-2500

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56-55		
N	.5	4.0	3.3	.3								8.1	5.9
NNE		1.0	.5	.3								1.8	5.4
NE		.5										.5	5.0
ENE				.3								.3	14.0
E	.3	.5										.8	4.3
ESE				.3								.3	12.0
SE													
SSE		.3	3.3									1.5	8.3
S	.5	.8	2.3	.3								3.3	7.5
SSW	.3	.9	1.0	.3								2.3	7.3
SW	.5	2.0	1.0	.3								3.9	5.1
WSW	.5	3.3	3.3									7.1	5.1
W	3.0	5.8	2.0	.3								11.1	5.3
WNW	1.5	5.0	3.3	.3								10.1	5.8
NW	1.5	7.1	2.8	.3								11.5	5.7
NNW	.8	8.6	5.0	.5								14.9	5.2
VARIABLE													
CALM	////////////////////											22.4	////
TOTALS	9.3	39.5	25.7	3.0								100.0	4.9

TOTAL NUMBER OF OBSERVATIONS: 327

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 616410 STATION NAME: DAKAR SENEGAL

PERIOD OF RECORD: 75-84
MONTH: SEP HOURS(EST): ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56-63		
N	.3	2.8	4.2	1.9								9.1	3.3
NNE	.1	1.0	1.0	.7		.0						2.8	3.5
NF	.0	.5	.7	.2			.0					1.4	3.2
ENE	.1	.5	.4	.1			.0					1.2	7.4
E	.2	.9	1.0	.3	.1	.0						2.5	7.8
ESE	.1	.3	.5	.3	.0							1.3	3.5
SE		.2	.3	.3	.0							.9	9.5
SSE	.1	.5	.7	.5		.0						1.9	3.9
S	.3	1.0	1.2	.7	.1							3.1	3.4
SSW	.2	1.6	1.4	.5								3.7	7.4
SW	.4	2.3	2.2	.4	.1							5.3	7.2
WSW	.7	2.5	2.9	.4	.0							5.5	5.9
W	1.3	6.2	4.7	.4								12.6	5.3
WNW	.8	3.9	3.4	.6	.0							9.7	5.8
NW	.9	4.3	4.7	.9	.0							10.8	7.0
NNW	.5	4.6	5.6	1.6								12.3	7.5
VARIABLE				.0								.0	15.0
CALM												15.7	////
TOTALS	6.0	35.1	34.7	10.0	.4	.1	.1					100.0	6.2

TOTAL NUMBER OF OBSERVATIONS: 3457

GLOBAL CLIMATOLOGY BRANCH
USAF/ETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 615413 STATION NAME: DAKAR SENEGAL

PERIOD OF RECORD: 75-84
MONTH: OCT HOURS (EST): 0000-2200

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	1.0	0.0	13.8	2.3	.2						23.2	3.1
NNE		3.1	2.9	.6							6.6	7.4
NE		.4	.2								.6	3.3
ENE	.2	.8									1.0	4.2
E					.2						.2	13.0
ESE												
SE		.2									.2	4.0
SSE		.2									.2	5.0
S			.2								.2	11.0
SSW	.2	1.2									1.4	5.1
SW		1.0	.2								1.2	5.8
WSW	.4	2.7	.6								3.7	5.2
W	1.8	5.1	.8								7.7	4.7
WNW	1.2	3.9	1.4								5.5	5.1
NW	1.8	5.5	2.5	.2							10.1	5.5
NNW	1.2	0.2	4.5	.8							12.7	5.5
VARIABLE												
CALM	////////////////////										24.2	////
TOTALS	8.0	36.3	27.1	3.9	.4						100.0	5.0

TOTAL NUMBER OF OBSERVATIONS: 437

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 615417 STATION NAME: DAKAR SENEGAL

PERIOD OF RECORD: 75-84
MONTH: OCT HOURS(EST): 0300-0900

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56-59	
N	2.7	4.0	14.1	4.0							24.3	3.5
NNE	.2	3.6	4.0	.5							3.1	7.3
NE	.2	.5	.5	.2							1.5	5.4
ENE		.2									.2	4.3
E	.2	.2	.5			.2					1.7	2.5
ESE			.2								.2	3.3
SE	.2										.2	3.3
SSE												
S	.5	.7	.2	.2							1.7	5.9
SSW	.2	.5	.5		.2						1.5	7.7
SW		1.5	.2								1.7	5.7
WSW	.5	1.5	.5								2.5	5.3
W	1.2	3.0	2.0								5.2	5.4
WNW	1.0	5.7	1.2								7.9	5.1
NW	1.2	4.9	1.2								7.4	5.1
NNW	1.5	7.9	5.7	.7							13.3	5.1
VARIABLE												
CALM	////////////////////										21.7	////
TOTALS	9.1	34.1	28.9	5.7	.2	.2					100.3	5.3

TOTAL NUMBER OF OBSERVATIONS: 405

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 616410 STATION NAME: DAKAR SENEGAL

PERIOD OF RECORD: 75-84
MONTH: OCT HOURS(UT): 0500-0500

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55		
N	.2	7.4	10.9	5.2	.2						23.9	3.7
NNE		2.2	5.0	1.9							9.1	3.9
NE		1.0	.8	.4							2.2	3.3
NNE		1.2	.4	.4							2.0	7.4
E	.2	1.2									1.4	4.7
ESE	.2		.2								.4	5.0
SE												
SSE		.4									.4	4.5
S		.6	.4			.2					1.2	9.5
SSW	.2	.4	.2								.8	5.5
SW	.2	.6	.2								1.0	4.8
WSW	.8	1.8	.2	.2							3.0	5.0
W	.4	4.2	1.2								5.8	5.1
WNW	1.4	3.0	.6								5.0	4.5
NW	.6	4.2	3.8	.2							8.9	5.5
NNW	.4	7.0	4.8	.8	.2						13.7	5.7
VARIABLE												
CALM	////////////////////										21.1	////
TOTALS	5.0	35.4	28.8	9.1	.4	.2					100.0	5.7

TOTAL NUMBER OF OBSERVATIONS: 477

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 616913 STATION NAME: DAKAR SENEGAL

PERIOD OF RECORD: 75-84
MONTH: NOV COURSE(S): 2100-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥ 56		
N		2.8	9.3	23.7	11.4							45.2	9.1
NNE			3.5	8.2	5.7	4.3						17.7	9.5
NW			4.5	1.4	4.3							2.2	8.0
ENE													
S			4.3									4.3	5.0
ESE		4.3										4.3	2.0
SE													
SSE				4.3								4.3	10.0
S													
SSW													
SW													
WSW													
W		4.5	4.8									1.4	4.4
WNW		4.8	4.3	4.3								1.4	4.4
NW	1.1	2.7	4.8	4.3								4.2	5.3
NNW	1.4	10.6	6.5	1.4								19.2	5.5
VARIABLE													
CALM	////////////////////											5.5	////
TOTALS	4.9	26.1	41.1	19.1	4.3							130.0	7.7

TOTAL NUMBER OF OBSERVATIONS: 157

GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
USAFETAC FROM HOURLY OBSERVATIONS
AIR WEATHER SERVICE/MAC

STATION NUMBER: 616413 STATION NAME: DAKAR SENEGAL

PERIOD OF RECORD: 75-84
MONTH: NOV COURSE(S): 1800-2000

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-53	54-59		
N	.7	5.7	20.3	14.1	.2							41.0	7.7
NNE		1.3	5.7	3.7	.4							11.2	13.4
NF		.2	.4	.2								.9	2.3
ENE			.2									.2	10.0
E			.2									.2	7.0
ESE													
SE													
SSE		.2		.2								.4	9.0
S													
SSW	.2			.2								.4	7.0
SW	.2			.2								.4	7.0
WSW		.2										.2	4.0
W		1.5	.2									1.4	5.5
WNW	.7	1.8	.4									2.9	5.2
NW		5.5	3.5	1.1								10.1	7.2
NNW	.4	5.7	15.6	3.7								25.5	8.4
VARIABLE													
CALM	////////////////////											4.5	////
TOTALS	2.2	22.2	46.7	23.5	.7							100.0	8.5

TOTAL NUMBER OF OBSERVATIONS: 454

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 616410 STATION NAME: DAKAR SENEGAL

PERIOD OF RECORD: 75-84
MONTH: NOV HOURS(UTC): 1500-1700

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL #	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56-59		
N	.2	2.5	13.9	27.9	2.7	.2						47.0	12.0
NNE		.2	4.5	9.7	1.0	.2						15.7	12.5
NE		.2	.2	.7								1.2	12.0
ENE													
E													
ESE		.2	.5									.7	7.7
SE													
SSE			.2	.2								.5	11.5
S			.2	.2								.5	9.5
SSW	.2	.7	.2									1.2	5.3
SW		.2		.2								.5	9.0
WSW		.2	.2									.5	5.5
W		.7	.7									1.5	5.3
WNW		1.2	1.5									2.7	7.0
NW		2.7	4.5	1.0								8.2	7.9
NNW		2.5	10.0	5.5								17.9	9.4
VARIABLE													
CALM	////////////////////											1.7	////
TOTALS	.5	11.7	36.3	45.5	3.7	.5						100.0	10.7

TOTAL NUMBER OF OBSERVATIONS: 412

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 616410 STATION NAME: DAKAR SENEGAL

PERIOD OF RECORD: 75-84
MONTH: NOV HOURS (LST): 1200-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS							TOTAL	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33		
N	.6	2.4	10.5	18.4	1.3	.2		33.4	11.4
NNE		1.5	7.7	17.3	2.4	.2		29.1	12.4
NE		.6	5.8	8.4	.6	.2		15.6	11.7
ENE		.2	1.5	.2				1.9	9.5
E		.9	2.6	1.7				5.1	9.6
ESE			.6	.9				1.5	11.0
SE			.4					.4	3.5
SSE			.2	.2				.4	10.5
S									
SSW				.2				.2	13.0
SW									
WSW									
W		.2						.2	5.0
WNW	.2	.2		.2	.2			.9	10.5
WW	.2	.9	1.9	.4				3.4	7.4
NNW	.2	1.5	3.4	1.7	.2			7.1	9.2
VARIABLE									
CALM	////////////////////							.5	////
TOTALS	1.3	8.4	34.7	49.7	4.7	.5		100.0	11.2

TOTAL NUMBER OF OBSERVATIONS: 457

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 616413 STATION NAME: DAKAR SENEGAL

PERIOD OF RECORD: 75-84
MONTH: NOV HOURS(EST): 0000-1100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL #	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56-55		
V		2.5	10.8	19.0	.5							27.7	13.9
NVE		.5	11.3	17.2	2.0							30.9	12.2
NE		1.2	5.9	8.6	1.5							17.2	11.5
ENE		1.2	4.2	2.0								7.4	9.3
E	.2	.5	4.9	1.2								5.9	9.1
ESE			.2	.5								.7	10.7
SE		.2	.2									.5	5.5
SSE			.2									.2	9.3
S		.2										.2	4.0
SSW													
SW													
WSW													
W	.2		.5									.7	5.0
WNW			.2	.2								.5	12.5
NW		.5	.7	.2								1.5	5.2
NNW		1.5	2.0	.7								4.2	3.2
VARIABLE													
CALM	////////////////////////////////////											1.5	////
TOTALS	.5	8.3	41.2	44.6	3.9							100.0	13.9

TOTAL NUMBER OF OBSERVATIONS: 438

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 616410 STATION NAME: DAKAR SENEGAL

PERIOD OF RECORD: 75-84
MONTH: NOV HOURS(EST): 0600-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 55	
N		4.1	19.0	7.4	.2						30.8	7.2
NNE		4.8	16.2	7.9	.7						29.6	7.5
NE	.2	2.2	8.5	5.5							16.4	7.1
NNE		2.0	3.5	.7							6.1	3.0
E		.4	.9	.2							1.5	3.4
ESE			.4								.4	2.0
SE			.2								.2	3.0
SSE												
S												
SSW												
SW				.2							.2	13.0
WSW		.2									.2	4.0
W	.2		.2								.4	5.5
WNW		.4	.2								.7	5.3
W	.2	1.1	.7	.4							2.4	7.0
NNW	.4	2.4	5.7	.4							7.0	7.4
VARIABLE												
CALC	////////////////////										5.1	////
TOTALS	1.1	17.7	35.7	20.5	.9						100.0	8.4

TOTAL NUMBER OF OBSERVATIONS: 928

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 616410 STATION NAME: DAKAR SENEGAL

PERIOD OF RECORD: 75-84
MONTH: NOV HOURS: 0000-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56-59	
N	.3	9.1	22.9	9.1							41.3	3.9
NNE	.5	3.1	16.1	3.4	.5						23.6	7.1
NE		.8	6.0	.8							7.6	7.1
ENE		.3	1.0								1.3	7.6
E		.5		.3							.8	7.7
ESE			.5								.5	7.5
SE												
SSE												
S												
SSW		.3									.3	5.0
SW			.3								.3	3.0
WSW				.3							.3	11.0
W		.8									.8	4.0
WNW		.8	.3								1.0	5.5
NW	.5	1.6	.5	.5							3.1	5.4
NNW	.8	5.5	5.7	1.0							13.0	7.0
VARIABLE												
CALM	////////////////////										5.2	////
TOTALS	2.1	22.6	33.2	15.3	.5						100.0	3.0

TOTAL NUMBER OF OBSERVATIONS: 335

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 616410 STATION NAME: DAKAR SENEGAL

PERIOD OF RECORD: 75-84
MONTH: NOV HOURS(UT): 0000-0200

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56-65		
N	.7	7.2	23.7	7.5								39.2	3.9
NNE		3.9	13.7	5.7								23.3	7.3
NE		2.2	3.7	.7								6.6	7.6
ENE		.2	1.1									1.3	7.7
E		.2	.2									.4	5.0
ESE			.2									.2	10.0
SE		.2										.2	4.0
SSE													
S													
SSW													
SW	.2											.2	2.0
WSW		.2	.4									.7	7.3
W		.7	.4									1.1	5.8
WNW	.4	.4	.2		.2							1.3	7.3
NW	.7	2.2	.2	.4								3.5	5.5
NNW	1.3	5.9	4.8	.9	.2							13.1	5.5
VARIABLE													
CALM	////////////////////											3.9	////
TOTALS	3.3	23.3	48.8	15.3	.4							100.0	7.5

TOTAL NUMBER OF OBSERVATIONS: 459

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 616410 STATION NAME: DAKAR SENEGAL

PERIOD OF RECORD: 75-84
MONTH: OCT HOURS/DAY: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL WIND	MEAN WIND	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55			56-65
N	.6	5.0	13.4	8.3	.2							27.5	9.4
NNE	.1	1.6	3.7	3.3	.2							3.8	10.0
NE	.1	.4	.7	.7								1.9	9.4
NNE	.0	.4	.2	.1								.7	5.9
E	.1	.5	.7	.1	.0	.0						1.0	5.9
ESE	.0	.1	.1	.0								.3	5.5
SE	.0	.1	.0	.0								.2	5.4
SSE		.2	.0	.1								.3	5.9
S	.1	.4	.4	.0		.0						.9	7.0
SSW	.1	.5	.6	.1	.0							1.3	7.3
SW	.2	.9	.8		.0							1.9	5.7
WSW	.2	1.7	1.1	.0								3.0	5.0
W	1.0	3.8	2.3									7.2	5.7
WNW	.9	3.8	2.0	.7								5.9	5.9
NW	1.0	4.4	4.2	.4								10.1	5.5
NNW	.7	5.2	7.5	1.7	.1							15.1	7.6
VARIABLE													
CALM	////////////////////////////////////										13.0	////	
TOTALS	5.3	29.0	37.2	15.0	.5	.1						100.0	5.9

TOTAL NUMBER OF OBSERVATIONS: 3626

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 616413 STATION NAME: DAKAR SENEGAL

PERIOD OF RECORD: 75-84
MONTH: OCT HOURS/EST: 2100-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56-65		
N	.3	9.6	14.2	4.6								28.7	8.3
NNE		1.0	2.5	.3								3.8	3.3
NE	.3		.3									.5	5.5
NNE		.3										.3	5.0
E		.5										.5	5.0
ESE													
SE													
SSE		.3										.3	4.0
S													
SSW		.8										.8	4.7
SW	.3		.3									.5	5.5
WSW		1.5	1.5									3.0	5.4
W	2.3	5.6	1.3									9.1	4.6
WNW	1.5	4.3	.3									6.1	4.3
NW	1.3	5.6	2.3	.3								9.4	5.7
NNW	.3	3.8	6.3	1.5								11.9	3.0
VARIABLE													
CALM	////////////////////											25.1	////
TOTALS	6.1	33.2	28.9	6.6								100.0	5.2

TOTAL NUMBER OF OBSERVATIONS: 334

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 616410 STATION NAME: DAKAR SENEGAL

PERIOD OF RECORD: 75-84
MONTH: OCT HOURS/EST: 1800-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.4	3.3	14.9	10.3	.2						28.8	9.5
NNE			1.6	.6	.2						2.4	10.8
NE		.4									.4	5.0
ENE												
E		.2	.2	.2							.6	9.3
ESE												
SE												
SSE		.4									.4	4.5
S	.2		.4								.6	5.3
SSW	.2		1.2								1.4	7.9
SW	.2	2.0	.4								2.7	5.0
WSW	.2	2.2	.8								3.3	5.6
W	1.4	5.3	2.4								9.2	5.6
WNW	.6	6.3	1.4								8.4	5.6
NW	1.4	6.5	5.5	1.0							14.5	5.5
NNW	.6	4.3	12.7	3.3	.2						21.0	8.4
VARIABLE												
CALM											5.3	////
TOTALS	5.3	31.0	41.6	15.1	.6						100.0	7.3

TOTAL NUMBER OF OBSERVATIONS: 420

GLOBAL CLIMATOLOGY BRANCH
USAF/ETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 615413 STATION NAME: DAKAR SENEGAL

PERIOD OF RECORD: 75-84
MONTH: OCT HOURS/DATE: 1500-1700

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56-55		
N		1.6	13.7	16.9								32.1	11.1
NNE			1.4	5.2	.2							6.8	12.3
NE	.2	.2	.2	.2								.9	8.5
ENE													
E	.2	.2										.5	4.5
ESE		.2										.2	4.3
SE													
SSE		.2										.2	5.3
S	.2	.5	.9									1.6	5.9
SSW		.2	1.1	.5								1.8	9.4
SW		.9	2.5									3.4	7.7
WSW		.9	3.0									3.9	7.3
W	.5	2.3	5.2									8.3	7.5
WNW	.5	2.7	3.0	.9								7.1	7.4
NW	.2	2.5	8.0	.9								11.6	8.3
NNW	.5	3.0	12.5	4.3								23.3	8.7
VARIABLE													
CALM	////////////////////////////////////											1.5	////
TOTALS	2.3	15.5	31.5	28.9	.2							133.2	9.2

TOTAL NUMBER OF OBSERVATIONS: 439

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 616413 STATION NAME: DAKAR SENEGAL

PERIOD OF RECORD: 75-84
MONTH: OCT HOURS(LST): 1200-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N		3.5	12.4	13.4	.8						37.1	13.5
NNE		1.2	5.5	10.0	.6						17.3	11.5
NE			1.4	2.0							3.5	11.5
ENE			.9	.2							.5	13.0
E		.9	.2	.2							.9	7.3
ESE		.9	.2								.5	5.7
SE		.8		.2							1.0	5.8
SSE		.2	.2	.2							.6	9.3
S		.6	.4								1.0	7.2
SSW		.4	1.0	.2							1.6	3.5
SW	.9	.8	2.0		.2						3.5	7.9
WSW		.6	1.8								2.4	7.5
W	.2	2.0	3.1								5.3	5.9
WNW	.4	1.6	3.5	.2							5.7	7.3
NW	.4	3.3	5.7	.6							13.0	7.5
NNW	.2	3.9	8.8	1.6							14.5	3.1
VARIABLE												
CALM	////////////////////										1.4	////
TOTALS	1.6	19.8	46.6	28.9	1.6						100.0	9.2

TOTAL NUMBER OF OBSERVATIONS: 471

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 616410 STATION NAME: DAKAR SENEGAL

PERIOD OF RECORD: 75-84
MONTH: OCT HOURS(EST): 0900-1100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.7	5.0	13.9	9.7							29.3	9.6
NNE	.2	1.9	6.6	6.5	.2						15.5	10.4
NE	.2	.2	2.4	2.8							5.7	10.2
ENE		.5	.7								1.2	7.2
E	.5	.9	1.2								2.5	5.9
ESE		.5		.2							.7	7.0
SE			.2								.2	10.0
SSE				.2							.2	14.0
S	.2	.5	.2								.9	5.3
SSW		.7	.2								.9	5.3
SW	.2	.2	.2								.7	5.3
WSW		2.1	.2								2.4	5.5
W	.7	2.8	2.6								5.1	5.5
WNW	.9	2.8	4.7	.2							9.7	7.1
WW	.7	2.8	4.5	.2							9.3	7.3
NWW	.7	5.4	5.9	.5							12.5	5.9
VARIABLE												
CALM	////////////////////////////////////										5.8	////
TOTALS	5.2	26.5	43.7	20.6	.2						100.0	5.1

TOTAL NUMBER OF OBSERVATIONS: 423

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 615410 STATION NAME: DAKAR SENEGAL

PERIOD OF RECORD: 75-84
MONTH: NOV HOURS(LST): ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.4	5.2	17.9	13.7	.5	.1					37.9	13.3
NNE	.1	2.4	13.4	6.9	.9	.1					22.3	13.7
NE	.0	1.0	4.1	3.0	.3	.0					8.4	10.2
NNE		.5	1.5	.4							2.3	8.6
E	.0	.4	1.1	.4							1.9	9.0
ESE	.0	.0	.3	.2							.6	9.3
SE		.1	.1								.2	7.0
SSE		.0	.1	.1							.2	10.1
S		.0	.0	.0							.1	7.7
SSW	.1	.1	.0	.1							.3	5.4
SW	.1	.0	.1	.1							.2	7.4
WSW		.1	.1	.0							.2	5.8
W	.1	.6	.3								1.0	5.4
WNW	.3	.6	.4	.1	.1						1.4	5.5
NW	.3	2.1	1.6	.5							4.5	5.9
NNW	.5	4.3	6.5	1.9	.1						13.3	7.8
VARIABLE												
CALM	////////////////////										4.5	////
TOTALS	1.9	17.6	44.5	29.3	1.9	.1					133.3	9.1

TOTAL NUMBER OF OBSERVATIONS: 3433

GLOBAL CLIMATOLOGY BRANCH
USAF/CLTAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 616410 STATION NAME: DAKAR SENEGAL

PERIOD OF RECORD: 75-84
MONTH: DEC HOURS(UT): 0000-0200

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56-65	
N		8.7	16.0	6.3							31.0	9.5
NNE	.2	6.7	22.5	7.5	.2						37.1	9.0
NE	.4	1.2	10.5	3.7							15.8	9.2
NNE			.8	.4							1.2	10.0
E		.2	.6	.2							1.0	9.2
ESE												
SE				.2							.2	12.0
SSE												
S												
SSW												
SW			.2								.2	3.0
WSW		.2									.2	4.0
W		.2									.2	4.0
WNW		.4	.2								.5	5.3
WW		.8	.6								1.4	5.7
NNW	.4	2.2	3.4	.6	.2						5.9	7.7
VARIABLE												
CALM	////////////////////										4.1	////
TOTALS	1.0	20.7	55.0	18.9	.4						100.0	9.3

TOTAL NUMBER OF OBSERVATIONS: 423

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 615410 STATION NAME: DAKAR SENEGAL

PERIOD OF RECORD: 75-84
MONTH: DEC HOURS(EST): 0500-0500

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N		5.8	13.1	4.2							23.0	3.5
NNE		6.5	24.9	9.4							40.8	7.2
NE		1.8	12.8	6.6	.3						21.5	10.4
ENE		.3	1.3	1.3							2.9	13.5
E		.3									.3	5.0
ESE												
SE												
SSE												
S				.3							.3	12.0
SSW												
SW												
WSW			.3								.3	8.0
W												
WNW												
W												
NW		.3	.5	2.1	1.6						4.5	9.4
VARIABLE												
CALM	////////////////////										4.5	////
TOTALS	.3	15.2	54.5	25.4	.3						100.0	9.0

TOTAL NUMBER OF OBSERVATIONS: 352

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 616413 STATION NAME: DAKAR SENEGAL

PERIOD OF RECORD: 75-84
MONTH: DEC HOURS(EST): 0600-2000

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56-55	
N		2.9	8.3	4.2							15.4	9.1
NNE		5.0	21.2	13.1							39.4	9.8
NE	.2	2.5	18.7	8.1	.4						30.3	9.7
ENE		1.9	4.8	1.0							7.7	8.6
E		.2	.8	.2							1.2	9.2
ESE			.2								.2	10.0
SE				.4							.4	11.5
SSE												
S												
SSW				.2							.2	13.0
SW					.2						.2	13.0
WSW		.2									.2	5.0
W												
WNW		.4									.4	5.0
WW		.2									.2	4.0
NW	.2	.4	1.0	.6	.2						2.5	9.8
VARIABLE												
CALM	////////////////////										1.9	////
TOTALS	.4	13.7	35.2	27.9	.8						100.0	9.4

TOTAL NUMBER OF OBSERVATIONS: 433

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 615410 STATION NAME: DAKAR SENEGAL

PERIOD OF RECORD: 75-84
MONTH: DEC HOUR/CLUST: 0900-1100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56-59	
N	.2	.7	5.4	3.1	.2						9.7	9.8
NNE		2.1	12.5	18.4	1.7	.2					34.9	11.5
NE		1.9	14.2	17.5	1.7						35.1	11.4
ENE		1.2	7.5	3.3							12.0	9.5
E			2.8	1.9							4.7	10.5
ESE			.5	.2							.7	10.7
SE												
SSE												
S												
SSW												
SW												
WSW	.2										.2	5.0
W												
WNW		.2									.2	5.0
NW												
NNW		.2	.5	.2							.9	9.5
VARIABLE			.5								.5	10.0
CALM	////////////////////										.9	////
TOTALS	.5	6.4	13.9	44.6	3.5	.2					100.0	10.9

TOTAL NUMBER OF OBSERVATIONS: 424

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 615410 STATION NAME: DAKAR SENEGAL

PERIOD OF RECORD: 75-84
MONTH: DEC HOURS (GMT): 1200-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56-65		
N		2.8	6.8	10.5	1.9							22.1	1.4
NNE	.2	1.3	16.2	22.1	3.4							43.2	11.9
NE	.4	.2	4.5	14.9	1.5	.4						21.9	12.5
NNE			1.3	1.7	.2							3.2	11.5
E		.2	2.8	1.5								4.5	13.3
ESE			.4	.6								1.1	13.2
SE			.6									.5	9.7
SSE			.2									.2	8.3
S				.2								.2	12.3
SSW													
SW													
WSW		.4										.4	5.0
W													
WNW													
NW			.2		.2							.4	12.5
NNW		.6	.9									1.5	7.0
VARIABLE													
CALM												.5	////
TOTALS	.6	5.5	33.4	51.7	7.2	.4						100.0	11.6

TOTAL NUMBER OF OBSERVATIONS: 473

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 615410 STATION NAME: DAKAR SENEGAL

PERIOD OF RECORD: 75-84
MONTH: DEC HOURS(UT): 1500-1700

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55			56-59
N	.2	2.3	13.2	31.9	3.2	.2						51.0	12.2
NNE	.2	.9	7.3	17.5	1.1							27.1	12.0
NE			1.4	1.1								2.5	13.6
ENE			.7	.5								1.1	13.8
E		.2	.5	.7								1.4	9.7
ESE		.2										.2	5.0
SE			.2	.2								.5	13.5
SSE			.2									.2	13.0
S		.5										.5	5.0
SSW													
SW			.2									.2	3.0
WSW													
W			.2									.2	3.0
WNW		.7	.5									1.1	5.2
NW		1.4	1.4	.2								3.0	7.5
NNW		2.1	5.7	2.3								10.0	3.9
VARIABLE				.2								.2	13.0
CALM	////////////////////////////////////										.7	////	
TOTALS	.5	8.2	31.4	54.7	4.3	.2						100.0	11.4

TOTAL NUMBER OF OBSERVATIONS: 459

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 616413 STATION NAME: DAKAR SENEGAL

PERIOD OF RECORD: 75-84
MONTH: DEC HOURS(UT): 1800-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 55	
N		2.9	23.4	19.3							45.6	10.4
NNE		1.6	12.6	10.3	.4						25.9	10.5
NE		.2	1.2	.8							2.2	10.1
ENE		.2	.2	.9							.3	10.5
E			.2	.2							.4	11.0
ESE			.4	.2							.6	10.3
SE												
SSE		.2									.2	9.0
S			.2								.2	9.0
SSW	.2										.2	9.0
SW												
WSW			.2								.2	9.0
W		.2	.2								.4	9.5
WNW	.9	.2	.4	.2							1.6	9.4
NW		1.8	2.4	.4							4.7	7.3
NNW	.4	3.5	9.4	2.2	.2						15.7	9.5
VARIABLE												
CALM	////////////////////////////////////										1.5	////
TOTALS	1.4	10.8	50.9	34.6	.6						100.0	9.7

TOTAL NUMBER OF OBSERVATIONS: 491

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 616410 STATION NAME: DAKAR SENEGAL

PERIOD OF RECORD: 75-84
MONTH: DEC HOUR(S) 2100-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.3	9.9	24.9	7.3							42.4	3.5
NNE	.3	5.8	21.5	6.0							33.5	7.1
NE		.5	4.7	1.0							6.7	7.0
ENE			.3								.3	10.0
E		.3		.3							.5	10.0
ESE												
SE												
SSE												
S												
SSW		.3									.3	4.0
SW	.3										.3	3.0
WSW		.3									.3	5.0
W												
WNW		.5									.5	5.5
NW	.3	1.0		.3							1.5	5.5
NNW	.5	3.9	4.5	1.6							10.5	7.5
VARIABLE												
CALM	////////////////////////////////////										3.7	////
TOTALS	1.6	22.5	55.8	16.5							100.0	8.2

TOTAL NUMBER OF OBSERVATIONS: 332

GLOBAL CLIMATOLOGY BRANCH
USAF/ETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 616410 STATION NAME: DAKAR, SENEGAL

PERIOD OF RECORD: 75-84
MONTH: DEC HOUR: 06-07:00 ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56-65		
N	.1	4.4	13.8	11.0	.7	.0						30.0	10.0
NNE	.1	3.7	17.2	13.2	.9	.0						35.1	10.4
NF	.1	1.0	8.5	6.9	.5	.1						17.1	10.5
ENE		.4	2.1	1.1	.0							3.7	9.7
E		.2	1.0	.6								1.9	9.9
ESE		.0	.2	.1								.4	9.8
SE			.1	.1								.2	10.5
SSE		.0	.1									.1	8.0
S		.1	.0	.1								.1	8.8
SSW	.0	.0		.0								.1	5.7
SW	.0		.1		.0							.1	9.3
WSW	.0	.1	.1									.2	5.5
W		.1	.1									.1	5.8
WNW	.1	.3	.1	.1								.5	5.5
W	.0	.7	.6	.1	.0							1.5	7.0
WNW	.2	1.7	3.5	1.1	.1							5.5	5.4
VARIABLE			.1	.0								.1	11.0
CALM	////////////////////											2.7	////
TOTALS	.9	12.7	47.5	34.5	2.2	.1						100.0	9.8

TOTAL NUMBER OF OBSERVATIONS: 3531

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 616410 STATION NAME: DAKAR SENEGAL

PERIOD OF RECORD: 75-85
MONTH: ALL HOURSELEST: ALL

DIRECTION (DEGR.FTS)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55			56-65
N	.3	3.0	13.5	11.2	1.4	.0	.0					25.4	13.8
NNE	.1	1.5	6.7	6.3	.9	.1						15.6	13.9
NE	.1	.6	2.8	1.9	.2	.0	.0					5.5	13.3
ENE	.0	.3	.7	.3	.0		.0					1.3	8.3
E	.1	.3	.5	.3	.0	.0						1.2	8.5
ESE	.0	.1	.2	.1	.0							.4	8.6
SE	.0	.1	.1	.1	.0							.3	8.9
SSE	.0	.1	.2	.1	.0	.0	.0					.4	8.5
S	.1	.3	.3	.1	.0	.0						.8	7.9
SSW	.1	.5	.6	.2	.0	.0						1.5	7.5
SW	.1	.8	.9	.2	.0							2.0	7.3
WSW	.2	1.2	1.1	.2	.0							2.7	5.9
W	.5	2.7	2.4	.4	.0							5.0	5.7
WNW	.4	2.5	2.3	.4	.0							5.7	7.0
NW	.4	3.1	4.4	1.3	.0	.0						9.1	7.8
NNW	.3	3.2	7.5	3.9	.2							15.1	9.0
VARIABLE			.0	.0	.0							.0	15.0
CALM	////////////////	////////////////	////////////////	////////////////	////////////////	////////////////	////////////////	////////////////	////////////////	////////////////	////////////////	5.0	////
TOTALS	2.7	20.2	41.2	26.9	2.9	.1	.0					100.0	8.8

TOTAL NUMBER OF OBSERVATIONS: 42470

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 615413 STATION NAME: DAKAR SENEGAL

PERIOD OF RECORD: 74-84
MONTHS: ALL

CEILINGS 200 TO 1400 FEET WITH VISIBILITIES 1/2 MILE OR MORE
AND/OR
CEILINGS 200 FEET OR MORE WITH VISIBILITIES 1/2 TO 2-1/2 MILES

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	KNOTS #100
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55		
N	.2	3.0	8.9	9.5	1.2	.1	.0				23.9	11.5
NNE	.1	2.2	10.5	7.9	1.1	.0					21.8	10.1
NE	.1	1.0	5.9	5.0	.3	.0					12.3	11.1
NNE	.0	.4	1.3	.6	.0						2.3	2.2
E	.1	.4	1.0	.7	.0	.0					2.2	2.7
ESE		.1	.2	.2							.4	13.1
SE		.1	.0	.0	.1						.2	11.5
SSE	.0	.1	.2	.1			.0				.4	4.8
S	.0	.2	.3	.2							.7	3.2
SSW	.1	.4	.5	.1		.0					1.1	7.5
SW	.1	.6	.7	.2	.0						1.5	7.5
WSW	.1	.8	.6	.1							1.6	5.9
W	.5	2.4	2.2	.2	.0						5.3	5.7
WNW	.3	2.1	2.0	.3	.0						4.7	7.0
WW	.3	2.9	3.6	1.0							7.9	7.5
NWW	.3	3.0	5.4	2.9	.1						11.7	3.7
VARIABLE				.0	.0						.1	19.0
CALM	////////////////////										4.8	////
TOTALS	2.2	19.6	43.3	26.9	2.9	.2	.0				100.0	9.0

TOTAL NUMBER OF OBSERVATIONS: 5298

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

CEILING VERSUS VISIBILITY

PART 3

This summary is a bivariate percentage frequency distribution by classes of ceiling from zero to equal to or greater than 20,000 feet and as a separate class "no ceiling," versus visibility in 16 classes from zero to equal to or greater than 10 miles. Data are derived from hourly observations, and the tables are presented by month and available 3-hour groups.

Due to the cumulative nature of this presentation, it is possible to determine the percentage frequency of occurrence for any given limit of ceiling or visibility separately, or in combination of ceiling and visibility. The totals progress to the right and downward. Ceiling may be determined independently by referring to totals in the extreme right hand column. Also, visibility may be determined independently by reference to the horizontal row of totals at the bottom of the page. The percentage frequency for which the station was meeting or exceeding any given set of minima may be determined from the figure at the intersection of the appropriate ceiling column and visibility row.

Beginning in January 1968, METAR stations report visibilities to 6 miles and then greater than 6 miles. Thus, for METAR stations, the category equal to or greater than 10 miles is not printed in the tables. For most Airways stations, visibilities of greater than 7 miles were not reported for part of the period of record. Therefore, the 10 mi visibility category should be used with great caution.

For overseas civilian stations reporting "CAVOK", all ceilings greater than 5,000 feet are suppressed into the 5,000 foot ceiling class.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAE

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 016413 STATION NAME: JAKAR GENERAL

PERIOD OF RECORD: 75-85
MONTH: JAN HOURS(EST): 0000-0200

CEILING FEET	VISIBILITY IN STATUTE MILES																	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
NO CEIL	4	7.6	31.6	49.3	51.3	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5
GE 20000	4	10.0	37.6	55.2	60.7	55.5	55.5	55.5	74.9	79.4	80.9	80.9	81.5	82.4	82.5	82.5	82.5	82.5
GE 18000	4	10.0	37.6	55.4	60.7	55.5	55.5	55.5	75.2	79.6	81.1	81.1	81.7	82.5	82.5	82.5	82.5	82.5
GE 16000	4	10.0	37.6	55.4	60.9	55.5	55.5	55.5	75.2	79.6	81.1	81.1	81.7	82.5	82.5	82.5	82.5	82.5
GE 14000	4	10.0	38.0	55.5	61.1	55.5	55.5	55.5	75.4	79.5	81.3	81.3	82.0	82.9	83.0	83.0	83.0	83.2
GE 12000	4	12.1	44.8	58.5	71.1	75.6	75.6	75.6	85.8	93.2	91.7	91.7	92.4	93.3	94.1	94.1	94.1	94.3
GE 10000	4	12.1	44.8	58.5	71.1	75.6	75.6	75.6	85.8	93.2	91.7	91.7	92.4	93.3	94.1	94.1	94.1	94.3
GE 9000	4	12.1	44.8	58.5	71.1	75.6	75.6	75.6	85.8	93.2	91.7	91.7	92.4	93.3	94.1	94.1	94.1	94.3
GE 8000	4	12.1	44.8	58.5	71.1	75.6	75.6	75.6	85.8	93.2	91.7	91.7	92.4	93.3	94.1	94.1	94.1	94.3
GE 7000	4	12.1	44.8	58.5	71.1	75.6	75.6	75.6	85.8	93.2	91.7	91.7	92.4	93.3	94.1	94.1	94.1	94.3
GE 6000	4	12.1	44.8	58.5	71.1	75.6	75.6	75.6	85.8	93.2	91.7	91.7	92.4	93.3	94.1	94.1	94.1	94.3
GE 5000	4	17.6	50.3	74.1	76.5	82.2	82.2	82.2	91.3	95.8	97.2	97.2	97.9	99.4	99.5	99.5	99.5	99.5
GE 4500	4	17.6	50.3	74.1	76.5	82.2	82.2	82.2	91.3	95.8	97.2	97.2	97.9	99.4	99.5	99.5	99.5	99.5
GE 4000	4	17.6	50.3	74.1	76.5	82.2	82.2	82.2	91.3	95.8	97.2	97.2	97.9	99.4	99.5	99.5	99.5	99.5
GE 3500	4	17.6	50.3	74.1	76.5	82.2	82.2	82.2	91.3	95.8	97.2	97.2	97.9	99.4	99.5	99.5	99.5	99.5
GE 3000	4	17.6	50.3	74.1	76.5	82.2	82.2	82.2	91.3	95.8	97.2	97.2	97.9	99.4	99.5	99.5	99.5	99.5
GE 2500	4	17.6	50.3	74.1	76.5	82.2	82.2	82.2	91.3	95.8	97.2	97.2	97.9	99.4	99.5	99.5	99.5	99.5
GE 2000	4	17.6	50.3	74.1	76.5	82.2	82.2	82.2	91.3	95.8	97.2	97.2	97.9	99.4	99.5	99.5	99.5	99.5
GE 1800	4	17.6	50.3	74.1	76.5	82.2	82.2	82.2	91.3	95.8	97.2	97.2	97.9	99.4	99.5	99.5	99.5	99.5
GE 1600	4	17.6	50.3	74.1	76.5	82.2	82.2	82.2	91.3	95.8	97.2	97.2	97.9	99.4	99.5	99.5	99.5	99.5
GE 1400	4	17.6	50.3	74.1	76.5	82.2	82.2	82.2	91.3	95.8	97.2	97.2	97.9	99.4	99.5	99.5	99.5	99.5
GE 1200	4	17.6	50.3	74.1	76.5	82.2	82.2	82.2	91.3	95.8	97.2	97.2	97.9	99.4	99.5	99.5	99.5	99.5
GE 1000	4	17.6	50.3	74.1	76.5	82.2	82.2	82.2	91.3	95.8	97.2	97.2	97.9	99.4	99.5	99.5	99.5	99.5
GE 900	4	17.6	50.3	74.1	76.5	82.2	82.2	82.2	91.3	95.8	97.2	97.2	97.9	99.4	99.5	99.5	99.5	99.5
GE 800	4	17.6	50.3	74.1	76.5	82.2	82.2	82.2	91.3	95.8	97.2	97.2	97.9	99.4	99.5	99.5	99.5	99.5
GE 700	4	17.6	50.3	74.1	76.5	82.2	82.2	82.2	91.3	95.8	97.2	97.2	97.9	99.4	99.5	99.5	99.5	99.5
GE 600	4	17.6	50.3	74.1	76.5	82.2	82.2	82.2	91.3	95.8	97.2	97.2	97.9	99.4	99.5	99.5	99.5	99.5
GE 500	4	17.6	50.3	74.1	76.5	82.2	82.2	82.2	91.3	95.8	97.2	97.2	97.9	99.4	99.5	99.5	99.5	99.5
GE 400	4	17.6	50.3	74.1	76.5	82.2	82.2	82.2	91.3	95.8	97.2	97.2	97.9	99.4	99.5	99.5	99.5	99.5
GE 300	4	17.6	50.3	74.1	76.5	82.2	82.2	82.2	91.3	95.8	97.2	97.2	97.9	99.4	99.5	99.5	99.5	99.5
GE 200	4	17.6	50.3	74.1	76.5	82.2	82.2	82.2	91.3	95.8	97.2	97.2	97.9	99.4	99.5	99.5	99.5	99.5
GE 100	4	17.6	50.3	74.1	76.5	82.2	82.2	82.2	91.3	95.8	97.2	97.2	97.9	99.4	99.5	99.5	99.5	99.5

TOTAL NUMBER OF OBSERVATIONS: 471

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 615413 STATION NAME: DAKAR SENEGAL

PERIOD OF RECORD: 75-85
MONTH: FEB HOURS (GMT): 1500-1700

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	1	1 1/2	2	2 1/2	3	4	5	6	7	8	9	10	11	12	13	14
NO CEIL	19.4	30.2	42.4	43.9	48.3	48.8	52.2	55.3	57.9	57.9	58.1	59.7	59.7	59.7	59.7	59.7
GE 20000	26.4	42.4	58.7	61.4	65.4	65.9	72.1	75.5	78.0	78.0	78.3	79.3	79.3	79.3	79.3	79.3
GE 18000	26.4	42.4	58.7	61.4	65.4	65.9	72.1	75.5	78.0	78.0	78.3	79.3	79.3	79.3	79.3	79.3
GE 16000	26.4	42.4	58.7	61.4	65.4	65.9	72.1	75.5	78.0	78.0	78.3	79.3	79.3	79.3	79.3	79.3
GE 14000	26.4	42.4	58.7	61.4	65.4	65.9	72.1	75.5	78.0	78.0	78.3	79.3	79.3	79.3	79.3	79.3
GE 12000	30.5	47.8	55.1	68.0	72.9	73.4	80.1	83.7	85.3	86.3	86.6	88.1	88.1	88.1	88.1	88.1
GE 10000	30.5	47.8	55.1	68.0	72.9	73.4	80.1	83.7	85.3	86.3	86.6	88.1	88.1	88.1	88.1	88.1
GE 9000	30.5	47.8	55.1	68.0	72.9	73.4	80.1	83.7	85.3	86.3	86.6	88.1	88.1	88.1	88.1	88.1
GE 8000	30.5	47.8	55.1	68.0	72.9	73.4	80.1	83.7	85.3	86.3	86.6	88.1	88.1	88.1	88.1	88.1
GE 7000	30.5	47.8	55.1	68.0	72.9	73.4	80.1	83.7	85.3	86.3	86.6	88.1	88.1	88.1	88.1	88.1
GE 6000	30.5	47.8	55.1	68.0	72.9	73.4	80.1	83.7	85.3	86.3	86.6	88.1	88.1	88.1	88.1	88.1
GE 5000	41.9	59.2	76.5	79.3	84.2	84.8	91.5	95.1	97.7	97.7	97.9	99.5	99.5	99.5	99.5	99.5
GE 4500	41.9	59.2	76.5	79.3	84.2	84.8	91.5	95.1	97.7	97.7	97.9	99.5	99.5	99.5	99.5	99.5
GE 4000	41.9	59.2	76.5	79.3	84.2	84.8	91.5	95.1	97.7	97.7	97.9	99.5	99.5	99.5	99.5	99.5
GE 3500	41.9	59.2	76.5	79.3	84.2	84.8	91.5	95.1	97.7	97.7	97.9	99.5	99.5	99.5	99.5	99.5
GE 3000	41.9	59.2	76.5	79.3	84.2	84.8	91.5	95.1	97.7	97.7	97.9	99.5	99.5	99.5	99.5	99.5
GE 2500	41.9	59.2	76.5	79.3	84.2	84.8	91.5	95.1	97.7	97.7	97.9	99.5	99.5	99.5	99.5	99.5
GE 2000	41.9	59.2	76.5	79.3	84.2	84.8	91.5	95.1	97.7	97.7	97.9	99.5	99.5	99.5	99.5	99.5
GE 1800	41.9	59.2	76.5	79.3	84.2	84.8	91.5	95.1	97.7	97.7	97.9	99.5	99.5	99.5	99.5	99.5
GE 1600	42.1	59.4	76.7	79.6	84.5	85.0	91.7	95.3	97.9	97.9	98.2	99.7	99.7	99.7	99.7	99.7
GE 1400	42.1	59.7	77.1	79.8	84.8	85.3	92.0	95.6	98.2	98.2	98.4	100.0	100.0	100.0	100.0	100.0
GE 1200	42.1	59.7	77.1	79.8	84.8	85.3	92.0	95.6	98.2	98.2	98.4	100.0	100.0	100.0	100.0	100.0
GE 1000	42.1	59.7	77.1	79.8	84.8	85.3	92.0	95.6	98.2	98.2	98.4	100.0	100.0	100.0	100.0	100.0
GE 900	42.1	59.7	77.1	79.8	84.8	85.3	92.0	95.6	98.2	98.2	98.4	100.0	100.0	100.0	100.0	100.0
GE 800	42.1	59.7	77.1	79.8	84.8	85.3	92.0	95.6	98.2	98.2	98.4	100.0	100.0	100.0	100.0	100.0
GE 700	42.1	59.7	77.1	79.8	84.8	85.3	92.0	95.6	98.2	98.2	98.4	100.0	100.0	100.0	100.0	100.0
GE 600	42.1	59.7	77.1	79.8	84.8	85.3	92.0	95.6	98.2	98.2	98.4	100.0	100.0	100.0	100.0	100.0
GE 500	42.1	59.7	77.1	79.8	84.8	85.3	92.0	95.6	98.2	98.2	98.4	100.0	100.0	100.0	100.0	100.0
GE 400	42.1	59.7	77.1	79.8	84.8	85.3	92.0	95.6	98.2	98.2	98.4	100.0	100.0	100.0	100.0	100.0
GE 300	42.1	59.7	77.1	79.8	84.8	85.3	92.0	95.6	98.2	98.2	98.4	100.0	100.0	100.0	100.0	100.0
GE 200	42.1	59.7	77.1	79.8	84.8	85.3	92.0	95.6	98.2	98.2	98.4	100.0	100.0	100.0	100.0	100.0
GE 100	42.1	59.7	77.1	79.8	84.8	85.3	92.0	95.6	98.2	98.2	98.4	100.0	100.0	100.0	100.0	100.0
GE 0	42.1	59.7	77.1	79.8	84.8	85.3	92.0	95.6	98.2	98.2	98.4	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 517

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 616413 STATION NAME: JAKAR SENEGAL

PERIOD OF RECORD: 75-85
MONTH: FEB HOUR(S): 1200-1400

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	31
NO CEIL	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	31
GE 20000	25.6	45.7	59.7	62.2	67.1	67.4	74.4	77.9	79.3	80.2	80.9	82.1	82.1	82.1	82.1	82.1
GE 18000	25.8	45.7	59.7	62.2	67.1	67.4	74.4	77.9	79.3	80.2	80.9	82.1	82.1	82.1	82.1	82.1
GE 16000	26.8	45.7	59.7	62.2	67.1	67.4	74.4	77.9	79.3	80.2	80.9	82.1	82.1	82.1	82.1	82.1
GE 14000	27.0	46.2	50.4	62.7	67.5	67.8	74.8	75.3	77.7	80.7	81.4	82.5	82.5	82.5	82.5	82.5
GE 12000	31.9	52.0	57.1	69.5	75.3	75.5	82.8	85.2	87.6	88.5	89.3	90.4	90.4	90.4	90.4	90.4
GE 10000	31.9	52.0	57.1	69.5	75.3	75.5	82.8	85.2	87.6	88.5	89.3	90.4	90.4	90.4	90.4	90.4
GE 9000	31.9	52.0	57.1	69.5	75.3	75.5	82.8	85.2	87.6	88.5	89.3	90.4	90.4	90.4	90.4	90.4
GE 8000	31.9	52.0	57.1	69.5	75.3	75.5	82.8	85.2	87.6	88.5	89.3	90.4	90.4	90.4	90.4	90.4
GE 7000	31.9	52.0	57.1	69.5	75.3	75.5	82.8	85.2	87.6	88.5	89.3	90.4	90.4	90.4	90.4	90.4
GE 6000	31.9	52.0	57.1	69.5	75.3	75.5	82.8	85.2	87.6	88.5	89.3	90.4	90.4	90.4	90.4	90.4
GE 5000	40.6	60.6	75.3	78.1	83.9	84.7	91.4	94.9	95.3	97.2	97.9	99.1	99.1	99.1	99.1	99.1
GE 4500	40.6	60.6	75.3	78.1	83.9	84.7	91.4	94.9	95.3	97.2	97.9	99.1	99.1	99.1	99.1	99.1
GE 4000	40.6	60.6	75.3	78.1	83.9	84.7	91.4	94.9	95.3	97.2	97.9	99.1	99.1	99.1	99.1	99.1
GE 3500	40.6	60.6	75.3	78.1	83.9	84.7	91.4	94.9	95.3	97.2	97.9	99.1	99.1	99.1	99.1	99.1
GE 3000	40.6	60.6	75.3	78.1	83.9	84.7	91.4	94.9	95.3	97.2	97.9	99.1	99.1	99.1	99.1	99.1
GE 2500	40.6	60.6	75.3	78.1	83.9	84.7	91.4	94.9	95.3	97.2	97.9	99.1	99.1	99.1	99.1	99.1
GE 2000	40.6	60.6	75.3	78.1	83.9	84.7	91.4	94.9	95.3	97.2	97.9	99.1	99.1	99.1	99.1	99.1
GE 1800	40.6	60.6	75.3	78.1	83.9	84.7	91.4	94.9	95.3	97.2	97.9	99.1	99.1	99.1	99.1	99.1
GE 1500	40.6	60.6	75.3	78.1	83.9	84.7	91.4	94.9	95.3	97.2	97.9	99.1	99.1	99.1	99.1	99.1
GE 1200	41.3	61.5	76.7	79.3	84.8	85.1	92.3	95.8	97.2	98.1	98.8	100.0	100.0	100.0	100.0	100.0
GE 1000	41.3	61.5	76.7	79.3	84.8	85.1	92.3	95.8	97.2	98.1	98.8	100.0	100.0	100.0	100.0	100.0
GE 900	41.3	61.5	76.7	79.3	84.8	85.1	92.3	95.8	97.2	98.1	98.8	100.0	100.0	100.0	100.0	100.0
GE 800	41.3	61.5	76.7	79.3	84.8	85.1	92.3	95.8	97.2	98.1	98.8	100.0	100.0	100.0	100.0	100.0
GE 700	41.3	61.5	76.7	79.3	84.8	85.1	92.3	95.8	97.2	98.1	98.8	100.0	100.0	100.0	100.0	100.0
GE 600	41.3	61.5	76.7	79.3	84.8	85.1	92.3	95.8	97.2	98.1	98.8	100.0	100.0	100.0	100.0	100.0
GE 500	41.3	61.5	76.7	79.3	84.8	85.1	92.3	95.8	97.2	98.1	98.8	100.0	100.0	100.0	100.0	100.0
GE 400	41.3	61.5	76.7	79.3	84.8	85.1	92.3	95.8	97.2	98.1	98.8	100.0	100.0	100.0	100.0	100.0
GE 300	41.3	61.5	76.7	79.3	84.8	85.1	92.3	95.8	97.2	98.1	98.8	100.0	100.0	100.0	100.0	100.0
GE 200	41.3	61.5	76.7	79.3	84.8	85.1	92.3	95.8	97.2	98.1	98.8	100.0	100.0	100.0	100.0	100.0
GE 100	41.3	61.5	76.7	79.3	84.8	85.1	92.3	95.8	97.2	98.1	98.8	100.0	100.0	100.0	100.0	100.0
GE 00	41.3	61.5	76.7	79.3	84.8	85.1	92.3	95.8	97.2	98.1	98.8	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 429

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 616410 STATION NAME: DAKAR SENEGAL

PERIOD OF RECORD: 75-85
MONTH: FEB 400512510: 1900-1100

CEILINGS IN FEET	VISIBILITY IN STATUTE MILES															
	1	10	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4
NO CEIL	1		13.5	27.2	42.3	44.2	47.4	47.7	55.3	57.7	59.3	59.5	61.2	61.5	61.7	61.7
GE 20000			19.1	39.4	58.3	60.4	63.9	64.4	73.9	75.5	78.4	79.2	81.1	81.4	81.7	81.7
GE 18000			19.1	39.4	58.3	60.4	63.9	64.4	73.9	75.5	78.4	79.2	81.1	81.4	81.7	81.7
GE 16000			19.1	39.4	58.3	60.4	63.9	64.4	73.9	75.5	78.4	79.2	81.1	81.4	81.7	81.7
GE 14000			19.7	39.9	58.3	61.2	64.7	65.2	74.7	76.4	79.2	80.1	81.9	82.2	82.5	82.5
GE 12000			23.5	46.4	66.3	68.5	72.5	73.0	83.0	85.7	87.6	88.4	90.6	90.9	91.1	91.1
GE 10000			23.5	46.4	66.3	68.5	72.5	73.0	83.0	85.7	87.6	88.4	90.6	90.9	91.1	91.1
GE 9000			23.5	46.4	66.3	68.5	72.5	73.0	83.0	85.7	87.6	88.4	90.6	90.9	91.1	91.1
GE 8000			23.5	46.4	66.3	68.5	72.5	73.0	83.0	85.7	87.6	88.4	90.6	90.9	91.1	91.1
GE 7000			23.5	46.4	66.3	68.5	72.5	73.0	83.0	85.7	87.6	88.4	90.6	90.9	91.1	91.1
GE 6000			23.5	46.4	66.3	68.5	72.5	73.0	83.0	85.7	87.6	88.4	90.6	90.9	91.1	91.1
GE 5000			31.3	54.2	73.9	76.3	80.3	80.9	90.8	93.5	95.4	95.2	98.4	98.7	98.9	98.9
GE 4500			31.3	54.4	74.1	76.5	80.6	81.1	91.1	93.8	95.7	95.5	98.7	98.9	99.2	99.2
GE 4000			31.3	54.4	74.1	76.5	80.6	81.1	91.1	93.8	95.7	95.5	98.7	98.9	99.2	99.2
GE 3500			31.3	54.4	74.1	76.5	80.6	81.1	91.1	93.8	95.7	95.5	98.7	98.9	99.2	99.2
GE 3000			31.5	54.7	74.4	76.8	80.9	81.4	91.4	94.1	96.0	96.8	98.9	99.2	99.5	99.5
GE 2500			31.5	54.7	74.4	76.8	80.9	81.4	91.4	94.1	96.0	96.8	98.9	99.2	99.5	99.5
GE 2000			31.5	54.7	74.4	76.8	80.9	81.4	91.4	94.1	96.0	96.8	98.9	99.2	99.5	99.5
GE 1500			31.5	54.7	74.4	76.8	80.9	81.4	91.4	94.1	96.0	96.8	98.9	99.2	99.5	99.5
GE 1000			31.5	54.7	74.4	76.8	80.9	81.4	91.4	94.1	96.0	96.8	98.9	99.2	99.5	99.5
GE 900			31.5	55.0	74.7	77.4	81.4	81.9	91.9	94.6	96.5	97.3	99.5	99.7	100.0	100.0
GE 800			31.5	55.0	74.7	77.4	81.4	81.9	91.9	94.6	96.5	97.3	99.5	99.7	100.0	100.0
GE 700			31.5	55.0	74.7	77.4	81.4	81.9	91.9	94.6	96.5	97.3	99.5	99.7	100.0	100.0
GE 600			31.5	55.0	74.7	77.4	81.4	81.9	91.9	94.6	96.5	97.3	99.5	99.7	100.0	100.0
GE 500			31.5	55.0	74.7	77.4	81.4	81.9	91.9	94.6	96.5	97.3	99.5	99.7	100.0	100.0
GE 400			31.5	55.0	74.7	77.4	81.4	81.9	91.9	94.6	96.5	97.3	99.5	99.7	100.0	100.0
GE 300			31.5	55.0	74.7	77.4	81.4	81.9	91.9	94.6	96.5	97.3	99.5	99.7	100.0	100.0
GE 200			31.5	55.0	74.7	77.4	81.4	81.9	91.9	94.6	96.5	97.3	99.5	99.7	100.0	100.0
GE 100			31.5	55.0	74.7	77.4	81.4	81.9	91.9	94.6	96.5	97.3	99.5	99.7	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 371

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 616410 STATION NAME: DAKAR SENEGAL

PERIOD OF RECORD: 75-85
MONTH: FEB HOURS(EST): 0500-1800

CEILING IN FEET	VISIBILITY IN STATUTE MILES																			
	1	GE 10	GE 0	GE 5	GE 4	GE 3	2	1 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 1/8	GE 1/16	
NO CEIL			7.1	36.3	58.3	59.5	55.4	55.4	55.4	72.3	74.9	75.1	75.1	75.3	75.3	75.3	75.5	75.5		
GE 20000	9.2	43.4	68.2	69.9	78.2	78.2	84.8	87.4	89.2	88.6	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	
GE 18000	9.2	43.4	58.2	69.9	73.2	73.2	84.8	87.4	89.2	88.6	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	
GE 16000	9.2	43.4	58.2	69.9	73.2	73.2	84.8	87.4	89.2	88.6	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	
GE 14000	9.2	43.4	58.2	69.9	73.2	73.2	84.8	87.4	89.2	88.6	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	
GE 12000	11.1	48.3	73.7	75.4	84.4	84.4	91.2	93.8	94.5	95.0	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	
GE 10000	11.1	48.3	73.7	75.4	84.4	84.4	91.2	93.8	94.5	95.0	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	
GE 9000	11.1	48.3	73.7	75.4	84.4	84.4	91.2	93.8	94.5	95.0	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	
GE 8000	11.1	48.3	73.7	75.4	84.4	84.4	91.2	93.8	94.5	95.0	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	
GE 7000	11.1	48.3	73.7	75.4	84.4	84.4	91.2	93.8	94.5	95.0	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	
GE 6000	11.1	48.3	73.7	75.4	84.4	84.4	91.2	93.8	94.5	95.0	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	
GE 5000	13.3	50.5	75.3	77.5	85.5	85.5	93.4	95.0	95.7	97.2	97.9	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	
GE 4000	13.3	50.5	75.3	77.5	85.5	85.5	93.4	95.0	95.7	97.2	97.9	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	
GE 3000	13.3	50.5	75.3	77.5	85.5	85.5	93.4	95.0	95.7	97.2	97.9	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	
GE 2000	13.3	50.5	75.3	77.5	85.5	85.5	93.4	95.0	95.7	97.2	97.9	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	
GE 1000	13.3	50.5	75.3	77.5	85.5	85.5	93.4	95.0	95.7	97.2	97.9	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	
GE 500	13.3	50.5	75.3	77.5	85.5	85.5	93.4	95.0	95.7	97.2	97.9	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	
GE 200	13.3	50.5	75.3	77.5	85.5	85.5	93.4	95.0	95.7	97.2	97.9	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	
GE 100	13.3	50.5	75.3	77.5	85.5	85.5	93.4	95.0	95.7	97.2	97.9	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	
GE 50	13.3	50.5	75.3	77.5	85.5	85.5	93.4	95.0	95.7	97.2	97.9	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	
GE 20	13.3	50.5	75.3	77.5	85.5	85.5	93.4	95.0	95.7	97.2	97.9	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	
GE 10	13.3	50.5	75.3	77.5	85.5	85.5	93.4	95.0	95.7	97.2	97.9	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	
GE 5	13.3	50.5	75.3	77.5	85.5	85.5	93.4	95.0	95.7	97.2	97.9	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	
GE 2	13.3	50.5	75.3	77.5	85.5	85.5	93.4	95.0	95.7	97.2	97.9	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	
GE 1	13.3	50.5	75.3	77.5	85.5	85.5	93.4	95.0	95.7	97.2	97.9	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	
GE 0	13.3	50.5	75.3	77.5	85.5	85.5	93.4	95.0	95.7	97.2	97.9	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	

TOTAL NUMBER OF OBSERVATIONS: 422

GLOBAL CLIMATOLOGY BRANCH
USAF/ETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 616410 STATION NAME: DAKAR SENEGAL

PERIOD OF RECORD: 75-85
MONTH: FEB 4005 (USST): 3100-0000

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL		7.0	53.7	50.2	61.3	71.3	71.3	79.0	80.5	80.5	80.5	80.8	81.1	81.1	81.1	81.1
GE 20000	8.4	38.2	57.1	68.2	79.1	79.4	87.5	90.3	90.5	90.5	90.5	90.8	91.1	91.1	91.1	91.1
GE 18000	8.4	38.2	57.1	68.2	79.1	79.4	87.5	90.3	90.5	90.5	90.5	90.8	91.1	91.1	91.1	91.1
GE 16000	8.4	38.2	57.1	68.2	79.1	79.4	87.5	90.3	90.5	90.5	90.5	90.8	91.1	91.1	91.1	91.1
GE 14000	8.4	38.4	57.7	68.8	79.7	79.9	88.0	90.8	91.1	91.1	91.1	91.4	91.5	91.5	91.5	91.5
GE 12000	9.5	40.9	70.3	71.6	83.0	83.3	92.2	95.0	95.3	95.3	95.3	95.5	95.8	95.8	95.8	95.8
GE 10000	9.5	40.9	70.3	71.6	83.0	83.3	92.2	95.0	95.3	95.3	95.3	95.5	95.8	95.8	95.8	95.8
GE 9000	9.5	40.9	70.3	71.6	83.0	83.3	92.2	95.0	95.3	95.3	95.3	95.5	95.8	95.8	95.8	95.8
GE 8000	9.5	40.9	70.3	71.6	83.0	83.3	92.2	95.0	95.3	95.3	95.3	95.5	95.8	95.8	95.8	95.8
GE 7000	9.5	40.9	70.3	71.6	83.0	83.3	92.2	95.0	95.3	95.3	95.3	95.5	95.8	95.8	95.8	95.8
GE 6000	9.5	40.9	70.3	71.6	83.0	83.3	92.2	95.0	95.3	95.3	95.3	95.5	95.8	95.8	95.8	95.8
GE 5000	12.3	43.7	73.3	74.4	85.8	86.1	95.0	97.8	98.1	98.1	98.1	98.3	98.5	98.5	98.5	98.5
GE 4500	12.3	43.7	73.3	74.4	85.8	86.1	95.0	97.8	98.1	98.1	98.1	98.3	98.5	98.5	98.5	98.5
GE 4000	12.3	43.7	73.3	74.4	85.8	86.1	95.0	97.8	98.1	98.1	98.1	98.3	98.5	98.5	98.5	98.5
GE 3500	12.3	43.7	73.3	74.4	85.8	86.1	95.0	97.8	98.1	98.1	98.1	98.3	98.5	98.5	98.5	98.5
GE 3000	12.3	43.7	73.3	74.4	85.8	86.1	95.0	97.8	98.1	98.1	98.1	98.3	98.5	98.5	98.5	98.5
GE 2500	12.3	43.7	73.3	74.4	85.8	86.1	95.0	97.8	98.1	98.1	98.1	98.3	98.5	98.5	98.5	98.5
GE 2000	12.3	43.7	73.3	74.4	85.8	86.1	95.0	97.8	98.1	98.1	98.1	98.3	98.5	98.5	98.5	98.5
GE 1800	12.3	43.7	73.3	74.4	85.8	86.1	95.0	97.8	98.1	98.1	98.1	98.3	98.5	98.5	98.5	98.5
GE 1500	12.5	44.0	73.3	74.7	85.1	85.4	95.3	98.1	98.3	98.3	98.3	98.6	98.9	98.9	98.9	98.9
GE 1200	12.5	44.0	73.3	74.7	85.1	85.4	95.3	98.1	98.3	98.3	98.3	98.6	98.9	98.9	98.9	98.9
GE 1000	12.8	44.3	74.1	75.2	86.6	86.9	95.8	98.6	98.9	98.9	98.9	99.2	99.4	99.4	99.4	99.4
GE 900	12.8	44.3	74.1	75.2	86.6	86.9	95.8	98.6	98.9	98.9	98.9	99.2	99.4	99.4	99.4	99.4
GE 800	12.8	44.6	74.7	75.9	87.2	87.5	96.4	99.2	99.4	99.4	99.4	99.7	100.0	100.0	100.0	100.0
GE 700	12.8	44.8	74.7	75.8	87.2	87.5	96.4	99.2	99.4	99.4	99.4	99.7	100.0	100.0	100.0	100.0
GE 600	12.8	44.8	74.7	75.8	87.2	87.5	96.4	99.2	99.4	99.4	99.4	99.7	100.0	100.0	100.0	100.0
GE 500	12.8	44.8	74.7	75.8	87.2	87.5	96.4	99.2	99.4	99.4	99.4	99.7	100.0	100.0	100.0	100.0
GE 400	12.8	44.8	74.7	75.8	87.2	87.5	96.4	99.2	99.4	99.4	99.4	99.7	100.0	100.0	100.0	100.0
GE 300	12.8	44.8	74.7	75.8	87.2	87.5	96.4	99.2	99.4	99.4	99.4	99.7	100.0	100.0	100.0	100.0
GE 200	12.8	44.8	74.7	75.8	87.2	87.5	96.4	99.2	99.4	99.4	99.4	99.7	100.0	100.0	100.0	100.0
GE 100	12.8	44.8	74.7	75.8	87.2	87.5	96.4	99.2	99.4	99.4	99.4	99.7	100.0	100.0	100.0	100.0
GE 0	12.8	44.8	74.7	75.8	87.2	87.5	96.4	99.2	99.4	99.4	99.4	99.7	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 559

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 616410 STATION NAME: DAKAR SENEGAL

PERIOD OF RECORD: 75-85
MONTH: FEB 40JRS(LST): 0000-0200

CEILING IN FEET	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	VISIBILITY IN STATUTE MILES										GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 1/8
							SE 2	SE 1 1/2	SE 1 1/4	SE 1	SE 3/4	SE 5/8	SE 1/2	SE 5/16	SE 1/4	SE 1/8							
NO CEIL	.2	7.6	35.6	55.7	57.1	63.2	53.2	69.9	71.2	71.2	71.2	71.5	71.5	71.7	71.7	71.7							
GE 20000	.2	10.3	43.2	56.4	67.8	74.7	74.7	83.3	85.2	85.2	85.2	85.4	85.4	85.5	85.5	85.5							
GE 18000	.2	10.3	43.2	56.4	67.8	74.7	74.7	83.3	85.2	85.2	85.2	85.4	85.4	85.5	85.5	85.5							
GE 16000	.2	10.3	43.2	56.4	67.8	74.7	74.7	83.3	85.2	85.2	85.2	85.4	85.4	85.5	85.5	85.5							
GE 14000	.2	10.3	43.2	56.4	67.8	74.7	74.7	83.3	85.2	85.2	85.2	85.4	85.4	85.5	85.5	85.5							
GE 12000	.2	11.6	48.9	73.7	75.1	82.2	82.2	92.3	93.8	93.8	93.8	94.1	94.1	94.3	94.3	94.3							
GE 10000	.2	11.6	48.9	73.7	75.1	82.2	82.2	92.0	93.8	93.8	93.8	94.1	94.1	94.3	94.3	94.3							
GE 9000	.2	11.6	48.9	73.7	75.1	82.2	82.2	92.0	93.8	93.8	93.8	94.1	94.1	94.3	94.3	94.3							
GE 8000	.2	11.6	48.9	73.7	75.1	82.2	82.2	92.0	93.8	93.8	93.8	94.1	94.1	94.3	94.3	94.3							
GE 7000	.2	11.6	48.9	73.7	75.1	82.2	82.2	92.0	93.8	93.8	93.8	94.1	94.1	94.3	94.3	94.3							
GE 6000	.2	11.6	48.9	73.7	75.1	82.2	82.2	92.0	93.8	93.8	93.8	94.1	94.1	94.3	94.3	94.3							
GE 5000	.2	15.8	53.0	77.7	79.2	86.3	86.3	96.1	97.9	97.9	97.9	98.2	98.2	98.4	98.4	98.4							
GE 4500	.2	15.8	53.0	77.7	79.2	86.3	86.3	96.1	97.9	97.9	97.9	98.2	98.2	98.4	98.4	98.4							
GE 4000	.2	15.8	53.0	77.7	79.2	86.3	86.3	96.1	97.9	97.9	97.9	98.2	98.2	98.4	98.4	98.4							
GE 3500	.2	15.8	53.0	77.7	79.2	86.3	86.3	96.1	97.9	97.9	97.9	98.2	98.2	98.4	98.4	98.4							
GE 3000	.2	15.8	53.0	77.7	79.2	86.3	86.3	96.1	97.9	97.9	97.9	98.2	98.2	98.4	98.4	98.4							
GE 2500	.2	15.8	53.0	77.7	79.2	86.3	86.3	96.1	97.9	97.9	97.9	98.2	98.2	98.4	98.4	98.4							
GE 2000	.2	15.8	53.0	77.7	79.2	86.3	86.3	96.1	97.9	97.9	97.9	98.2	98.2	98.4	98.4	98.4							
GE 1800	.2	15.8	53.0	77.7	79.2	86.3	86.3	96.1	97.9	97.9	97.9	98.2	98.2	98.4	98.4	98.4							
GE 1600	.2	16.4	53.7	78.5	79.9	87.3	87.3	96.4	98.9	98.9	98.9	99.1	99.1	99.3	99.3	99.3							
GE 1400	.2	16.4	53.9	78.3	80.1	87.2	87.2	97.3	99.1	99.1	99.1	99.3	99.3	99.5	99.5	99.5							
GE 1200	.2	16.4	53.9	78.3	80.1	87.2	87.2	97.0	99.1	99.1	99.1	99.3	99.3	99.5	99.5	99.5							
GE 1000	.2	16.4	53.9	78.3	80.1	87.2	87.2	97.0	99.1	99.1	99.1	99.3	99.3	99.5	99.5	99.5							
GE 900	.2	16.4	54.1	79.3	80.4	87.4	87.4	97.3	99.3	99.3	99.3	99.5	99.5	99.8	99.8	99.8							
GE 800	.2	16.4	54.1	79.3	80.4	87.4	87.4	97.3	99.3	99.3	99.3	99.5	99.5	99.8	99.8	99.8							
GE 700	.2	16.4	54.1	79.3	80.4	87.4	87.4	97.3	99.3	99.3	99.3	99.5	99.5	99.8	99.8	99.8							
GE 600	.2	16.4	54.1	79.3	80.4	87.4	87.4	97.3	99.3	99.3	99.3	99.5	99.5	99.8	99.8	99.8							
GE 500	.2	16.4	54.1	79.3	80.4	87.4	87.4	97.3	99.3	99.3	99.3	99.5	99.5	99.8	99.8	99.8							
GE 400	.2	16.4	54.1	79.3	80.4	87.4	87.4	97.3	99.3	99.3	99.3	99.5	99.5	99.8	99.8	99.8							
GE 300	.2	16.4	54.1	79.3	80.4	87.4	87.4	97.3	99.3	99.3	99.3	99.5	99.5	99.8	99.8	99.8							
GE 200	.2	16.4	54.1	79.3	80.4	87.4	87.4	97.3	99.3	99.3	99.3	99.5	99.5	99.8	99.8	99.8							
GE 100	.2	16.4	54.1	79.3	80.4	87.4	87.4	97.3	99.3	99.3	99.3	99.5	99.5	99.8	99.8	99.8							
GE 0	.2	16.4	54.1	79.3	80.4	87.4	87.4	97.3	99.3	99.3	99.3	99.5	99.5	99.8	99.8	99.8							

TOTAL NUMBER OF OBSERVATIONS: 458

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 616410 STATION NAME: DAKAR SENEGAL

PERIOD OF RECORD: 75-85
MONTH: JAN HOURS(DST): ALL

CEILING IN FEET	1	VISIBILITY IN STATUTE MILES							1	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4	3
		GE	GE	GE	GE	GE	GE	GE											
NO CLIL	1	.2	12.2	26.5	39.5	43.7	45.9	46.1	52.5	54.5	55.5	56.1	57.0	58.5	59.2	59.2	59.2	59.2	59.2
GE 20000	1	.2	16.8	34.0	50.3	52.5	59.0	59.2	67.8	71.3	72.8	73.5	74.6	75.5	77.2	77.2	77.3	77.3	77.3
GE 18000	1	.2	16.8	34.0	50.3	52.7	59.3	59.2	67.8	71.4	72.9	73.7	74.6	75.5	77.2	77.2	77.3	77.3	77.3
GE 16000	1	.2	16.8	34.0	50.3	52.7	59.3	59.2	67.8	71.4	72.9	73.7	74.6	75.5	77.2	77.2	77.3	77.3	77.3
GE 14000	1	.2	16.9	34.4	51.3	53.1	59.5	59.7	68.3	71.8	73.3	74.1	75.1	77.0	77.7	77.7	77.7	77.7	77.7
GE 12000	1	.2	20.9	41.8	51.3	63.8	70.9	71.2	81.1	84.8	85.4	87.3	88.4	90.5	91.3	91.3	91.3	91.4	91.4
GE 10000	1	.2	20.9	41.8	51.3	63.8	70.9	71.2	81.1	84.8	85.4	87.3	88.4	90.5	91.3	91.3	91.3	91.4	91.4
GE 9000	1	.2	20.9	41.8	51.3	63.8	70.9	71.2	81.1	84.8	85.4	87.3	88.4	90.5	91.3	91.3	91.3	91.4	91.4
GE 8000	1	.2	20.9	41.8	51.3	63.8	70.9	71.2	81.1	84.8	85.4	87.3	88.4	90.5	91.3	91.3	91.3	91.4	91.4
GE 7000	1	.2	20.9	41.8	51.3	63.8	70.9	71.2	81.1	84.8	85.4	87.3	88.4	90.5	91.3	91.3	91.3	91.4	91.4
GE 6000	1	.2	20.9	41.8	51.3	63.8	70.9	71.2	81.1	84.8	85.4	87.3	88.4	90.5	91.3	91.3	91.3	91.4	91.4
GE 5000	1	.2	29.1	50.0	70.3	72.3	79.3	79.3	89.3	92.9	94.5	95.4	96.5	98.3	99.4	99.4	99.4	99.5	99.5
GE 4500	1	.2	29.1	50.0	70.3	72.3	79.3	79.3	89.3	92.9	94.5	95.4	96.5	98.3	99.4	99.4	99.4	99.5	99.5
GE 4000	1	.2	29.1	50.0	70.3	72.3	79.3	79.3	89.3	92.9	94.5	95.4	96.5	98.3	99.4	99.4	99.4	99.5	99.5
GE 3500	1	.2	29.1	50.0	70.3	72.3	79.3	79.3	89.3	92.9	94.5	95.4	96.5	98.3	99.4	99.4	99.4	99.5	99.5
GE 3000	1	.2	29.1	50.0	70.3	72.3	79.3	79.3	89.3	92.9	94.5	95.4	96.5	98.3	99.4	99.4	99.4	99.5	99.5
GE 2500	1	.2	29.1	50.0	70.3	72.3	79.3	79.3	89.3	92.9	94.5	95.4	96.5	98.3	99.4	99.4	99.4	99.5	99.5
GE 2000	1	.2	29.1	50.0	70.3	72.3	79.3	79.3	89.3	92.9	94.6	95.5	96.6	98.3	99.5	99.5	99.5	99.5	99.5
GE 1800	1	.2	29.1	50.0	70.3	72.3	79.3	79.3	89.3	92.9	94.6	95.5	96.6	98.3	99.5	99.5	99.5	99.5	99.5
GE 1600	1	.2	29.2	50.1	70.1	72.1	79.1	79.4	89.3	93.0	94.6	95.5	96.6	98.3	99.5	99.5	99.5	99.5	99.5
GE 1400	1	.2	29.2	50.1	70.1	72.1	79.2	79.5	89.4	93.1	94.7	95.5	96.7	98.3	99.7	99.7	99.7	99.7	99.7
GE 1200	1	.2	29.3	50.3	70.5	72.3	79.4	79.7	89.6	93.3	94.9	95.8	96.9	98.1	99.3	99.3	99.3	99.3	99.3
GE 1000	1	.2	29.3	50.3	70.5	72.3	79.4	79.7	89.6	93.3	94.9	95.8	96.9	98.1	99.3	99.3	99.3	99.3	99.3
GE 900	1	.2	29.4	50.3	70.4	72.4	79.4	79.7	89.7	93.3	94.9	95.8	97.0	98.2	99.3	99.3	99.3	99.3	99.3
GE 800	1	.2	29.4	50.3	70.4	72.4	79.4	79.7	89.7	93.3	94.9	95.8	97.0	98.2	99.3	99.3	99.3	99.3	99.3
GE 700	1	.2	29.4	50.3	70.4	72.4	79.4	79.7	89.7	93.3	94.9	95.8	97.0	98.2	99.3	99.3	99.3	99.3	99.3
GE 600	1	.2	29.4	50.3	70.4	72.4	79.4	79.7	89.7	93.3	94.9	95.8	97.0	98.2	99.3	99.3	99.3	99.3	99.3
GE 500	1	.2	29.4	50.3	70.4	72.4	79.4	79.7	89.7	93.3	94.9	95.8	97.0	98.2	99.3	99.3	99.3	99.3	99.3
GE 400	1	.2	29.4	50.3	70.4	72.4	79.4	79.7	89.7	93.3	94.9	95.8	97.0	98.2	99.3	99.3	99.3	99.3	99.3
GE 300	1	.2	29.4	50.3	70.4	72.4	79.4	79.7	89.7	93.3	94.9	95.8	97.0	98.2	99.3	99.3	99.3	99.3	99.3
GE 200	1	.2	29.4	50.3	70.4	72.4	79.4	79.7	89.7	93.3	94.9	95.8	97.0	98.2	99.3	99.3	99.3	99.3	99.3
GE 100	1	.2	29.4	50.3	70.4	72.4	79.4	79.7	89.7	93.3	94.9	95.8	97.0	98.2	99.3	99.3	99.3	99.3	99.3
GE 0	1	.2	29.4	50.3	70.4	72.4	79.4	79.7	89.7	93.3	94.9	95.8	97.0	98.2	99.3	99.3	99.3	99.3	99.3

TOTAL NUMBER OF OBSERVATIONS: 3434

GLOBAL CLIMATOLOGY BRANCH
USAF/ETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 615410 STATION NAME: DAKAR SENEGAL

PERIOD OF RECORD: 75-78-80
MONTH: JAN HOURS(IST): 2100-2300

CEILING IN FEET	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	VISIBILITY IN STATUTE MILES									
							GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 3
NO CEIL	.8	11.1	25.5	39.5	41.8	48.7	48.7	55.5	57.9	59.5	57.5	60.5	62.1	62.1	62.1	62.1
GE 20000	.8	12.1	28.9	46.5	49.5	56.3	56.8	65.1	70.3	72.4	73.4	73.4	75.5	75.5	75.5	75.5
GE 18000	.8	12.1	28.9	46.5	49.5	56.3	56.8	65.1	70.3	72.4	73.4	73.4	75.5	75.5	75.5	75.5
GE 16000	.8	12.1	28.9	46.5	49.5	56.3	56.8	65.1	70.3	72.4	73.4	73.4	75.5	75.5	75.5	75.5
GE 14000	.8	12.1	29.2	47.1	50.0	57.4	57.4	66.6	73.8	72.9	73.9	73.9	75.1	75.1	75.1	75.1
GE 12000	.8	14.2	35.0	56.5	60.3	67.9	67.9	78.2	82.4	84.5	85.5	85.5	88.4	88.4	88.4	88.4
GE 10000	.8	14.2	35.0	56.5	60.3	67.9	67.9	78.2	82.4	84.5	85.5	85.5	88.4	88.4	88.4	88.4
GE 9000	.8	14.2	35.0	56.5	60.3	67.9	67.9	78.2	82.4	84.5	85.5	85.5	88.4	88.4	88.4	88.4
GE 8000	.8	14.2	35.0	56.5	60.3	67.9	67.9	78.2	82.4	84.5	85.5	85.5	88.4	88.4	88.4	88.4
GE 7000	.8	14.2	35.0	56.5	60.3	67.9	67.9	78.2	82.4	84.5	85.5	85.5	88.4	88.4	88.4	88.4
GE 6000	.8	14.2	35.0	56.5	60.3	67.9	67.9	78.2	82.4	84.5	85.5	85.5	88.4	88.4	88.4	88.4
GE 5000	.8	25.0	45.8	67.4	71.1	78.7	78.7	88.9	93.2	95.3	96.3	96.3	99.2	99.2	99.2	99.2
GE 4500	.8	25.0	45.8	67.4	71.1	78.7	78.7	88.9	93.2	95.3	96.3	96.3	99.2	99.2	99.2	99.2
GE 4000	.8	25.0	45.8	67.4	71.1	78.7	78.7	88.9	93.2	95.3	96.3	96.3	99.2	99.2	99.2	99.2
GE 3500	.8	25.0	45.8	67.4	71.1	78.7	78.7	88.9	93.2	95.3	96.3	96.3	99.2	99.2	99.2	99.2
GE 3000	.8	25.0	45.8	67.4	71.1	78.7	78.7	88.9	93.2	95.3	96.3	96.3	99.2	99.2	99.2	99.2
GE 2500	.8	25.0	45.8	67.4	71.1	78.7	78.7	88.9	93.2	95.3	96.3	96.3	99.2	99.2	99.2	99.2
GE 2000	.8	25.0	45.8	67.4	71.1	78.7	78.7	88.9	93.2	95.3	96.3	96.3	99.2	99.2	99.2	99.2
GE 1800	.8	25.0	45.8	67.4	71.1	78.7	78.7	88.9	93.2	95.3	96.3	96.3	99.2	99.2	99.2	99.2
GE 1600	.8	25.0	45.8	67.4	71.1	78.7	78.7	88.9	93.2	95.3	96.3	96.3	99.2	99.2	99.2	99.2
GE 1400	.8	25.0	45.8	67.4	71.1	78.7	78.7	88.9	93.2	95.3	96.3	96.3	99.2	99.2	99.2	99.2
GE 1200	.8	25.0	45.8	67.4	71.1	78.7	78.7	88.9	93.2	95.3	96.3	96.3	99.2	99.2	99.2	99.2
GE 1000	.8	25.3	46.3	67.7	71.6	79.2	79.2	89.5	93.7	95.1	97.1	97.1	100.0	100.0	100.0	100.0
GE 900	.8	25.3	46.3	67.7	71.6	79.2	79.2	89.5	93.7	95.1	97.1	97.1	100.0	100.0	100.0	100.0
GE 800	.8	25.3	46.3	67.7	71.6	79.2	79.2	89.5	93.7	95.1	97.1	97.1	100.0	100.0	100.0	100.0
GE 700	.8	25.3	46.3	67.7	71.6	79.2	79.2	89.5	93.7	95.1	97.1	97.1	100.0	100.0	100.0	100.0
GE 600	.8	25.3	46.3	67.7	71.6	79.2	79.2	89.5	93.7	95.1	97.1	97.1	100.0	100.0	100.0	100.0
GE 500	.8	25.3	46.3	67.7	71.6	79.2	79.2	89.5	93.7	95.1	97.1	97.1	100.0	100.0	100.0	100.0
GE 400	.8	25.3	46.3	67.7	71.6	79.2	79.2	89.5	93.7	95.1	97.1	97.1	100.0	100.0	100.0	100.0
GE 300	.8	25.3	46.3	67.7	71.6	79.2	79.2	89.5	93.7	95.1	97.1	97.1	100.0	100.0	100.0	100.0
GE 200	.8	25.3	46.3	67.7	71.6	79.2	79.2	89.5	93.7	95.1	97.1	97.1	100.0	100.0	100.0	100.0
GE 100	.8	25.3	46.3	67.7	71.6	79.2	79.2	89.5	93.7	95.1	97.1	97.1	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 540

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 616413 STATION NAME: DAKAR SENEGAL

PERIOD OF RECORD: 75-85
MONTH: JAN HOURS(LST): 1900-2300

CEILING IN FEET	VISIBILITY IN STATUTE MILES														
	1	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16
NO CLIL			18.2	23.6	31.7	35.2	37.6	38.0	42.4	45.1	45.3	45.9	47.4	48.4	49.2
GE 20000			25.9	33.8	45.2	48.2	54.9	55.3	62.0	55.0	65.6	57.4	58.9	71.4	72.9
GE 18000			25.9	33.8	45.2	48.2	54.9	55.3	62.0	55.0	65.6	57.4	58.9	71.4	72.9
GE 16000			25.9	33.8	45.2	48.2	54.9	55.3	62.0	55.0	65.6	57.4	58.9	71.4	72.9
GE 14000			26.1	34.0	46.3	48.6	55.3	55.7	62.4	65.4	67.0	67.8	69.3	71.8	73.3
GE 12000			33.4	44.1	59.2	62.2	69.9	70.4	79.5	83.5	84.1	85.0	86.4	89.8	91.2
GE 10000			33.4	44.1	59.2	62.2	69.9	70.4	79.5	83.5	84.1	85.0	86.4	89.8	91.2
GE 9000			33.4	44.1	59.2	62.2	69.9	70.4	79.5	83.5	84.1	85.0	86.4	89.8	91.2
GE 8000			33.4	44.1	59.2	62.2	69.9	70.4	79.5	83.5	84.1	85.0	86.4	89.8	91.2
GE 7000			33.4	44.1	59.2	62.2	69.9	70.4	79.5	83.5	84.1	85.0	86.4	89.8	91.2
GE 6000			33.4	44.1	59.2	62.2	69.9	70.4	79.5	83.5	84.1	85.0	86.4	89.8	91.2
GE 5000			42.0	52.6	68.3	70.8	78.5	78.9	88.1	92.1	92.7	93.5	95.0	98.3	99.8
GE 4500			42.0	52.6	68.3	70.8	78.5	78.9	88.1	92.1	92.7	93.5	95.0	98.3	99.8
GE 4000			42.0	52.6	68.3	70.8	78.5	78.9	88.1	92.1	92.7	93.5	95.0	98.3	99.8
GE 3500			42.0	52.6	68.3	70.8	78.5	78.9	88.1	92.1	92.7	93.5	95.0	98.3	99.8
GE 3000			42.0	52.6	68.3	70.8	78.5	78.9	88.1	92.1	92.7	93.5	95.0	98.3	99.8
GE 2500			42.0	52.6	68.3	70.8	78.5	78.9	88.1	92.1	92.7	93.5	95.0	98.3	99.8
GE 2000			42.0	52.6	68.3	70.8	78.5	78.9	88.1	92.1	92.7	93.5	95.0	98.3	99.8
GE 1800			42.0	52.6	68.3	70.8	78.5	78.9	88.1	92.1	92.7	93.5	95.0	98.3	99.8
GE 1600			42.0	52.6	68.3	70.8	78.5	78.9	88.1	92.1	92.7	93.5	95.0	98.3	99.8
GE 1400			42.0	52.6	68.3	70.8	78.5	78.9	88.1	92.1	92.7	93.5	95.0	98.3	99.8
GE 1200			42.0	52.6	68.3	70.8	78.5	78.9	88.1	92.1	92.7	93.5	95.0	98.3	99.8
GE 1000			42.2	52.8	68.7	71.0	78.7	79.1	88.3	92.3	92.9	93.7	95.2	98.5	100.0
GE 900			42.2	52.8	68.7	71.0	78.7	79.1	88.3	92.3	92.9	93.7	95.2	98.5	100.0
GE 800			42.2	52.8	68.7	71.0	78.7	79.1	88.3	92.3	92.9	93.7	95.2	98.5	100.0
GE 700			42.2	52.8	68.7	71.0	78.7	79.1	88.3	92.3	92.9	93.7	95.2	98.5	100.0
GE 600			42.2	52.8	68.7	71.0	78.7	79.1	88.3	92.3	92.9	93.7	95.2	98.5	100.0
GE 500			42.2	52.8	68.7	71.0	78.7	79.1	88.3	92.3	92.9	93.7	95.2	98.5	100.0
GE 400			42.2	52.8	68.7	71.0	78.7	79.1	88.3	92.3	92.9	93.7	95.2	98.5	100.0
GE 300			42.2	52.8	68.7	71.0	78.7	79.1	88.3	92.3	92.9	93.7	95.2	98.5	100.0
GE 200			42.2	52.8	68.7	71.0	78.7	79.1	88.3	92.3	92.9	93.7	95.2	98.5	100.0
GE 100			42.2	52.8	68.7	71.0	78.7	79.1	88.3	92.3	92.9	93.7	95.2	98.5	100.0
GE 00			42.2	52.8	68.7	71.0	78.7	79.1	88.3	92.3	92.9	93.7	95.2	98.5	100.0

TOTAL NUMBER OF OBSERVATIONS: 479

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 616410 STATION NAME: DAKAR SENEGAL

PERIOD OF RECORD: 75-85
MONTH: JAN HOURS (LT): 1500-1700

CEILING IN FEET	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	VISIBILITY IN STATUTE MILES									
							GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 1/8
NO CLIL		17.2	24.8	33.2	33.2	39.5	40.3	47.7	49.4	49.6	50.6	52.5	55.4	55.1	55.1	55.1
GE 20000		24.6	33.9	46.1	46.8	55.1	55.3	65.6	57.8	59.5	59.5	71.5	74.5	75.2	75.2	75.2
GE 18000		24.6	33.9	46.1	46.8	55.1	55.3	65.6	57.8	59.5	59.5	71.5	74.5	75.2	75.2	75.2
GE 16000		24.6	33.9	46.1	46.8	55.1	55.3	65.6	57.8	59.5	59.5	71.5	74.5	75.2	75.2	75.2
GE 14000		25.1	34.6	46.3	47.5	56.1	56.8	66.6	58.7	60.5	60.5	72.4	75.4	75.1	75.1	75.1
GE 12000		31.3	41.8	55.3	56.6	66.3	57.1	78.5	80.7	81.4	82.3	95.2	93.1	93.3	83.8	33.3
GE 10000		31.3	41.8	55.3	56.6	66.3	57.1	78.5	80.7	81.4	82.3	95.2	93.1	93.3	83.8	33.3
GE 9000		31.3	41.8	55.3	56.6	66.3	57.1	78.5	80.7	81.4	82.3	95.2	93.1	93.3	83.8	33.3
GE 8000		31.3	41.8	55.3	56.6	66.3	57.1	78.5	80.7	81.4	82.3	95.2	93.1	93.3	83.8	33.3
GE 7000		31.3	41.8	55.3	56.6	66.3	57.1	78.5	80.7	81.4	82.3	95.2	93.1	93.3	83.8	33.3
GE 6000		31.3	41.8	55.3	56.6	66.3	57.1	78.5	80.7	81.4	82.3	95.2	93.1	93.3	83.8	33.3
GE 5000		41.8	52.3	66.3	67.1	76.8	77.6	89.3	91.2	91.9	92.8	95.7	93.5	99.3	99.3	99.3
GE 4500		41.8	52.3	66.3	67.1	76.8	77.6	89.3	91.2	91.9	92.8	95.7	93.5	99.3	99.3	99.3
GE 4000		41.8	52.3	66.3	67.1	76.8	77.6	89.3	91.2	91.9	92.8	95.7	93.5	99.3	99.3	99.3
GE 3500		41.8	52.3	66.3	67.1	76.8	77.6	89.3	91.2	91.9	92.8	95.7	93.5	99.3	99.3	99.3
GE 3000		1.8	52.3	66.3	67.1	76.8	77.6	89.3	91.2	91.9	92.8	95.7	93.5	99.3	99.3	99.3
GE 2500		41.8	52.3	66.3	67.1	76.8	77.6	89.3	91.2	91.9	92.8	95.7	93.5	99.3	99.3	99.3
GE 2000		42.0	52.5	66.5	67.3	77.1	77.9	89.3	91.4	92.1	93.1	95.9	93.3	99.5	99.5	99.5
GE 1800		42.0	52.5	66.5	67.3	77.1	77.9	89.3	91.4	92.1	93.1	95.9	93.3	99.5	99.5	99.5
GE 1500		42.0	52.5	66.5	67.3	77.1	77.9	89.3	91.4	92.1	93.1	95.9	93.3	99.5	99.5	99.5
GE 1200		42.0	52.5	66.5	67.3	77.1	77.9	89.3	91.4	92.1	93.1	95.9	93.3	99.5	99.5	99.5
GE 1000		42.5	53.0	67.1	67.8	77.6	78.3	89.7	91.9	92.6	93.5	96.4	99.3	100.0	100.0	100.0
GE 900		42.5	53.0	67.1	67.8	77.6	78.3	89.7	91.9	92.6	93.5	96.4	99.3	100.0	100.0	100.0
GE 800		42.5	53.0	67.1	67.8	77.6	78.3	89.7	91.9	92.6	93.5	96.4	99.3	100.0	100.0	100.0
GE 700		42.5	53.0	67.1	67.8	77.6	78.3	89.7	91.9	92.6	93.5	96.4	99.3	100.0	100.0	100.0
GE 600		42.5	53.0	67.1	67.8	77.6	78.3	89.7	91.9	92.6	93.5	96.4	99.3	100.0	100.0	100.0
GE 500		42.5	53.0	67.1	67.8	77.6	78.3	89.7	91.9	92.6	93.5	96.4	99.3	100.0	100.0	100.0
GE 400		42.5	53.0	67.1	67.8	77.6	78.3	89.7	91.9	92.6	93.5	96.4	99.3	100.0	100.0	100.0
GE 300		42.5	53.0	67.1	67.8	77.6	78.3	89.7	91.9	92.6	93.5	96.4	99.3	100.0	100.0	100.0
GE 200		42.5	53.0	67.1	67.8	77.6	78.3	89.7	91.9	92.6	93.5	96.4	99.3	100.0	100.0	100.0
GE 100		42.5	53.0	67.1	67.8	77.6	78.3	89.7	91.9	92.6	93.5	96.4	99.3	100.0	100.0	100.0
GE 00		42.5	53.0	67.1	67.8	77.6	78.3	89.7	91.9	92.6	93.5	96.4	99.3	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 419

GLOBAL CLIMATOLOGY BRANCH
USAF/ETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 616413 STATION NAME: DAKAR SENEGAL

PERIOD OF RECORD: 75-85
MONTH: JAN HOURS/DAY: 1200-1400

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	1	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4
NO CEIL	1	18.1	25.6	34.7	36.3	41.4	41.5	47.4	49.1	53.2	51.3	52.4	54.7	55.4	55.4	55.4
GE 20000		26.3	36.9	50.2	51.9	58.8	59.1	66.4	59.2	73.3	71.6	73.1	75.6	75.3	76.3	75.3
GE 18000		26.3	36.9	50.2	51.9	59.3	59.1	65.4	59.2	73.3	71.6	73.1	75.6	75.3	76.3	75.3
GE 16000		26.3	36.9	50.2	51.9	58.8	59.1	66.4	59.2	73.3	71.6	73.1	75.6	75.3	76.3	75.3
GE 14000		26.3	37.1	52.4	52.2	59.1	59.3	65.6	59.4	73.5	71.8	73.3	75.9	75.5	75.5	75.5
GE 12000		31.9	44.6	50.3	63.1	73.9	71.3	79.7	82.5	93.6	84.9	86.4	99.3	99.7	89.7	99.7
GE 10000		31.9	44.6	50.3	63.1	70.9	71.3	79.7	82.5	93.6	84.9	86.4	99.3	99.7	89.7	99.7
GE 9000		31.9	44.6	50.3	63.1	73.9	71.3	79.7	82.5	93.6	84.9	86.4	99.3	99.7	89.7	99.7
GE 8000		31.9	44.6	50.3	63.1	73.9	71.3	79.7	82.5	93.6	84.9	86.4	99.3	99.7	89.7	99.7
GE 7000		31.9	44.6	50.3	63.1	73.9	71.3	79.7	82.5	93.6	84.9	86.4	99.3	99.7	89.7	99.7
GE 6000		31.9	44.6	50.3	63.1	73.9	71.3	79.7	82.5	93.6	84.9	86.4	99.3	99.7	89.7	99.7
GE 5000		41.8	54.5	70.7	73.1	80.8	81.3	89.7	92.5	93.5	94.8	96.3	99.9	99.5	99.5	99.5
GE 4500		41.8	54.5	70.7	73.1	80.8	81.3	89.7	92.5	93.5	94.8	96.3	99.9	99.5	99.5	99.5
GE 4000		41.8	54.5	70.7	73.1	80.8	81.3	89.7	92.5	93.5	94.8	96.3	99.9	99.5	99.5	99.5
GE 3500		41.8	54.5	70.7	73.1	80.8	81.3	89.7	92.5	93.5	94.8	96.3	99.9	99.5	99.5	99.5
GE 3000		41.8	54.5	70.7	73.1	80.8	81.3	89.7	92.5	93.5	94.8	96.3	99.9	99.5	99.5	99.5
GE 2500		41.8	54.5	70.7	73.1	80.8	81.3	89.7	92.5	93.5	94.8	96.3	99.9	99.5	99.5	99.5
GE 2000		41.8	54.5	70.7	73.1	80.8	81.3	89.7	92.5	93.5	94.8	96.3	99.9	99.5	99.5	99.5
GE 1800		41.8	54.5	70.7	73.1	80.8	81.3	89.7	92.5	93.5	94.8	96.3	99.9	99.5	99.5	99.5
GE 1500		42.0	54.7	70.9	73.3	81.0	81.5	89.9	92.7	93.8	95.0	96.6	99.1	99.3	99.3	99.3
GE 1200		42.0	54.7	70.9	73.3	81.0	81.5	89.9	92.7	93.8	95.0	96.6	99.1	99.3	99.3	99.3
GE 1000		42.2	55.0	71.1	73.5	81.3	81.7	90.1	92.9	94.0	95.3	96.8	99.4	100.0	100.0	100.0
GE 900		42.2	55.0	71.1	73.5	81.3	81.7	90.1	92.9	94.0	95.3	96.8	99.4	100.0	100.0	100.0
GE 800		42.2	55.0	71.1	73.5	81.3	81.7	90.1	92.9	94.0	95.3	96.8	99.4	100.0	100.0	100.0
GE 700		42.2	55.0	71.1	73.5	81.3	81.7	90.1	92.9	94.0	95.3	96.8	99.4	100.0	100.0	100.0
GE 600		42.2	55.0	71.1	73.5	81.3	81.7	90.1	92.9	94.0	95.3	96.8	99.4	100.0	100.0	100.0
GE 500		42.2	55.0	71.1	73.5	81.3	81.7	90.1	92.9	94.0	95.3	96.8	99.4	100.0	100.0	100.0
GE 400		42.2	55.0	71.1	73.5	81.3	81.7	90.1	92.9	94.0	95.3	96.8	99.4	100.0	100.0	100.0
GE 300		42.2	55.0	71.1	73.5	81.3	81.7	90.1	92.9	94.0	95.3	96.8	99.4	100.0	100.0	100.0
GE 200		42.2	55.0	71.1	73.5	81.3	81.7	90.1	92.9	94.0	95.3	96.8	99.4	100.0	100.0	100.0
GE 100		42.2	55.0	71.1	73.5	81.3	81.7	90.1	92.9	94.0	95.3	96.8	99.4	100.0	100.0	100.0
GE 0		42.2	55.0	71.1	73.5	81.3	81.7	90.1	92.9	94.0	95.3	96.8	99.4	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 434

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 616410 STATION NAME: DAKAR SENEGAL

PERIOD OF RECORD: 75-85
MONTH: JAN ADJUSTED: 1900-1100

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	1	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4
NO CEIL	1	12.7	20.4	32.1	32.8	35.6	35.6	44.0	45.5	45.3	47.9	48.3	51.7	52.5	52.5	52
GE 20000		18.9	29.4	45.3	45.8	51.7	51.7	61.4	64.4	65.7	67.4	68.2	71.9	73.4	73.4	73
GE 18000		18.9	29.4	45.3	45.8	51.7	51.7	61.4	64.4	65.7	67.4	68.2	71.9	73.4	73.4	73
GE 16000		18.9	29.4	45.3	45.8	51.7	51.7	61.4	64.4	65.7	67.4	68.2	71.9	73.4	73.4	73
GE 14000		19.2	30.1	45.3	46.5	52.5	52.5	62.2	65.4	68.2	68.9	72.5	74.1	74.1	74	74
GE 12000		24.4	38.6	56.7	57.7	64.4	64.9	75.6	79.1	80.3	82.8	83.8	87.5	89.1	89.1	89
GE 10000		24.4	38.6	56.7	57.7	64.4	64.9	75.6	79.1	80.3	82.8	83.8	87.5	89.1	89.1	89
GE 9000		24.4	38.6	56.7	57.7	64.4	64.9	75.6	79.1	80.3	82.8	83.8	87.5	89.1	89.1	89
GE 8000		24.4	38.6	56.7	57.7	64.4	64.9	75.6	79.1	80.3	82.8	83.8	87.5	89.1	89.1	89
GE 7000		24.4	38.6	56.7	57.7	64.4	64.9	75.6	79.1	80.3	82.8	83.8	87.5	89.1	89.1	89
GE 6000		24.4	38.6	56.7	57.7	64.4	64.9	75.6	79.1	80.3	82.8	83.8	87.5	89.1	89.1	89
GE 5000		34.3	48.5	66.7	67.7	74.4	74.9	85.6	89.1	90.3	92.8	93.8	97.5	99.1	99.1	99
GE 4500		34.3	48.5	66.7	67.7	74.4	74.9	85.6	89.1	90.3	92.8	93.8	97.5	99.1	99.1	99
GE 4000		34.3	48.5	66.7	67.7	74.4	74.9	85.6	89.1	90.3	92.8	93.8	97.5	99.1	99.1	99
GE 3500		34.3	48.5	66.7	67.7	74.4	74.9	85.6	89.1	90.3	92.8	93.8	97.5	99.1	99.1	99
GE 3000		34.3	48.5	66.7	67.7	74.4	74.9	85.6	89.1	90.3	92.8	93.8	97.5	99.1	99.1	99
GE 2500		34.3	48.5	66.7	67.7	74.4	74.9	85.6	89.1	90.3	92.8	93.8	97.5	99.1	99.1	99
GE 2000		34.3	48.5	66.7	67.7	74.4	74.9	85.6	89.1	90.3	92.8	93.8	97.5	99.1	99.1	99
GE 1800		34.3	48.5	66.7	67.7	74.4	74.9	85.6	89.1	90.3	92.8	93.8	97.5	99.1	99.1	99
GE 1500		34.6	48.8	66.7	67.9	74.6	75.1	85.8	89.3	90.5	93.0	94.0	97.9	99.3	99.3	99
GE 1200		34.6	48.8	66.7	68.2	74.9	75.4	86.1	89.6	90.8	93.3	94.3	98.0	99.5	99.5	99
GE 1000		34.6	48.8	66.7	68.2	74.9	75.4	86.1	89.6	90.8	93.3	94.3	98.0	99.5	99.5	99
GE 900		34.6	48.8	66.7	68.2	74.9	75.4	86.1	89.6	90.8	93.3	94.3	98.0	99.5	99.5	99
GE 800		34.8	49.0	67.2	68.4	75.1	75.6	86.3	89.8	91.0	93.5	94.5	98.3	99.8	99.8	100
GE 700		34.8	49.0	67.2	68.4	75.1	75.6	86.3	89.8	91.0	93.5	94.5	98.3	99.8	99.8	100
GE 600		34.8	49.0	67.2	68.4	75.1	75.6	86.3	89.8	91.0	93.5	94.5	98.3	99.8	99.8	100
GE 500		34.8	49.0	67.2	68.4	75.1	75.6	86.3	89.8	91.0	93.5	94.5	98.3	99.8	99.8	100
GE 400		34.8	49.0	67.2	68.4	75.1	75.6	86.3	89.8	91.0	93.5	94.5	98.3	99.8	99.8	100
GE 300		34.8	49.0	67.2	68.4	75.1	75.6	86.3	89.8	91.0	93.5	94.5	98.3	99.8	99.8	100
GE 200		34.8	49.0	67.2	68.4	75.1	75.6	86.3	89.8	91.0	93.5	94.5	98.3	99.8	99.8	100
GE 100		34.8	49.0	67.2	68.4	75.1	75.6	86.3	89.8	91.0	93.5	94.5	98.3	99.8	99.8	100
GE 0		34.8	49.0	67.2	68.4	75.1	75.6	86.3	89.8	91.0	93.5	94.5	98.3	99.8	99.8	100

TOTAL NUMBER OF OBSERVATIONS: 432

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 616410 STATION NAME: DAKAR SENEGAL

PERIOD OF RECORD: 75-85
MONTH: JAN HOURS(UTC): 0500-2300

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 1	GE 3	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4
NO CEIL	1		5.8	31.8	48.5	49.9	53.5	53.5	59.3	51.6	62.9	63.1	63.3	53.3	54.5	64.6
GE 20000			7.5	37.7	58.5	60.6	64.6	64.8	73.1	77.2	78.9	79.3	79.5	80.2	81.3	81.2
GE 18000			7.5	37.7	58.5	60.6	64.6	64.8	73.1	77.2	78.9	79.3	79.5	80.2	81.3	81.2
GE 16000			7.5	37.7	58.5	60.6	64.6	64.8	73.1	77.2	78.9	79.3	79.5	80.2	81.3	81.2
GE 14000			7.5	38.0	58.5	60.8	64.8	65.0	73.3	77.4	79.1	79.5	79.7	80.4	81.2	81.4
GE 12000			9.2	46.7	70.3	72.7	77.0	77.2	87.2	91.7	93.6	94.2	94.5	95.1	95.9	95.2
GE 10000			9.2	46.7	70.3	72.7	77.0	77.2	87.2	91.7	93.6	94.2	94.5	95.1	95.9	95.2
GE 9000			9.2	46.7	70.3	72.7	77.0	77.2	87.2	91.7	93.6	94.2	94.5	95.1	95.9	95.2
GE 8000			9.2	46.7	70.3	72.7	77.0	77.2	87.2	91.7	93.6	94.2	94.5	95.1	95.9	95.2
GE 7000			9.2	46.7	70.3	72.7	77.0	77.2	87.2	91.7	93.6	94.2	94.5	95.1	95.9	95.2
GE 6000			9.2	46.7	70.3	72.7	77.0	77.2	87.2	91.7	93.6	94.2	94.5	95.1	95.9	95.2
GE 5000			12.6	50.1	74.2	76.1	80.4	80.6	90.6	95.1	97.0	97.7	97.9	98.5	99.4	99.5
GE 4500			12.6	50.1	74.2	76.1	80.4	80.6	90.6	95.1	97.0	97.7	97.9	98.5	99.4	99.5
GE 4000			12.6	50.1	74.2	76.1	80.4	80.6	90.6	95.1	97.0	97.7	97.9	98.5	99.4	99.5
GE 3500			12.6	50.1	74.2	76.1	80.4	80.6	90.6	95.1	97.0	97.7	97.9	98.5	99.4	99.5
GE 3000			12.6	50.1	74.2	76.1	80.4	80.6	90.6	95.1	97.0	97.7	97.9	98.5	99.4	99.5
GE 2500			12.6	50.1	74.2	76.1	80.4	80.6	90.6	95.1	97.0	97.7	97.9	98.5	99.4	99.5
GE 2000			12.6	50.1	74.2	76.1	80.4	80.6	90.6	95.1	97.0	97.7	97.9	98.5	99.4	99.5
GE 1800			12.6	50.1	74.2	76.1	80.4	80.6	90.6	95.1	97.0	97.7	97.9	98.5	99.4	99.5
GE 1500			12.6	50.1	74.2	76.1	80.4	80.6	90.6	95.1	97.0	97.7	97.9	98.5	99.4	99.5
GE 1200			12.6	50.3	74.4	76.3	80.6	80.8	90.8	95.3	97.2	97.9	98.3	98.7	99.8	99.8
GE 1000			12.6	50.3	74.4	76.3	80.6	80.8	90.8	95.3	97.2	97.9	98.3	98.7	99.8	99.8
GE 900			12.6	50.3	74.4	76.3	80.6	80.8	90.8	95.3	97.2	97.9	98.3	98.7	99.8	99.8
GE 800			12.6	50.3	74.4	76.3	80.6	80.8	90.8	95.3	97.2	97.9	98.3	98.7	99.8	99.8
GE 700			12.6	50.3	74.4	76.3	80.6	80.8	90.8	95.3	97.2	97.9	98.3	98.7	99.8	99.8
GE 600			12.6	50.3	74.4	76.3	80.6	80.8	90.8	95.3	97.2	97.9	98.3	98.7	99.8	99.8
GE 500			12.6	50.3	74.4	76.3	80.6	80.8	90.8	95.3	97.2	97.9	98.3	98.7	99.8	99.8
GE 400			12.6	50.3	74.4	76.3	80.6	80.8	90.8	95.3	97.2	97.9	98.3	98.7	99.8	99.8
GE 300			12.6	50.3	74.4	76.3	80.6	80.8	90.8	95.3	97.2	97.9	98.3	98.7	99.8	99.8
GE 200			12.6	50.3	74.4	76.3	80.6	80.8	90.8	95.3	97.2	97.9	98.3	98.7	99.8	99.8
GE 100			12.6	50.3	74.4	76.3	80.6	80.8	90.8	95.3	97.2	97.9	98.3	98.7	99.8	99.8
GE 00			12.6	50.3	74.4	76.3	80.6	80.8	90.8	95.3	97.2	97.9	98.3	98.7	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS: 459

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 615413 STATION NAME: DAKAR SENEGAL

PERIOD OF RECORD: 75-85
MONTH: JAN JOURNALIST: 0300-0500

CEILING IN FEET	GE	VISIBILITY IN STATUTE MILES														
		GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4
NO CEIL	.3	5.7	27.6	46.5	47.8	54.6	54.6	61.4	52.4	64.6	54.6	65.4	65.7	65.7	65.7	65.7
GE 20000	.3	7.0	31.6	54.7	56.2	63.3	63.3	72.2	75.9	79.5	79.5	80.3	80.3	80.3	80.3	80.3
GE 18000	.3	7.0	31.6	54.7	56.2	63.3	63.3	72.2	75.9	79.5	79.5	80.3	80.3	80.3	80.3	80.3
GE 16000	.3	7.0	31.6	54.7	56.2	63.3	63.3	72.2	75.9	79.5	79.5	80.3	80.3	80.3	80.3	80.3
GE 14000	.3	7.0	31.6	54.7	56.2	63.3	63.3	72.2	75.9	79.5	79.5	80.3	80.3	80.3	80.3	80.3
GE 12000	.3	8.6	36.2	55.5	64.9	72.4	72.4	83.2	87.0	90.8	90.8	91.9	92.4	92.4	92.4	92.4
GE 10000	.3	8.6	36.2	55.5	64.9	72.4	72.4	83.2	87.0	90.8	90.8	91.9	92.4	92.4	92.4	92.4
GE 9000	.3	8.6	36.2	55.5	64.9	72.4	72.4	83.2	87.0	90.8	90.8	91.9	92.4	92.4	92.4	92.4
GE 8000	.3	8.6	36.2	55.5	64.9	72.4	72.4	83.2	87.0	90.8	90.8	91.9	92.4	92.4	92.4	92.4
GE 7000	.3	8.6	36.2	55.5	64.9	72.4	72.4	83.2	87.0	90.8	90.8	91.9	92.4	92.4	92.4	92.4
GE 6000	.3	8.6	36.2	55.5	64.9	72.4	72.4	83.2	87.0	90.8	90.8	91.9	92.4	92.4	92.4	92.4
GE 5000	.3	15.9	43.5	70.3	72.2	79.7	79.7	90.5	94.3	98.1	98.1	99.2	99.7	99.7	99.7	99.7
GE 4500	.3	15.9	43.5	70.3	72.2	79.7	79.7	90.5	94.3	98.1	98.1	99.2	99.7	99.7	99.7	99.7
GE 4000	.3	15.9	43.5	70.3	72.2	79.7	79.7	90.5	94.3	98.1	98.1	99.2	99.7	99.7	99.7	99.7
GE 3500	.3	15.9	43.5	70.3	72.2	79.7	79.7	90.5	94.3	98.1	98.1	99.2	99.7	99.7	99.7	99.7
GE 3000	.3	15.9	43.5	70.3	72.2	79.7	79.7	90.5	94.3	98.1	98.1	99.2	99.7	99.7	99.7	99.7
GE 2500	.3	15.9	43.5	70.3	72.2	79.7	79.7	90.5	94.3	98.1	98.1	99.2	99.7	99.7	99.7	99.7
GE 2000	.3	15.9	43.5	70.3	72.2	79.7	79.7	90.5	94.3	98.1	98.1	99.2	99.7	99.7	99.7	99.7
GE 1800	.3	15.9	43.5	70.3	72.2	79.7	79.7	90.5	94.3	98.1	98.1	99.2	99.7	99.7	99.7	99.7
GE 1500	.3	15.9	43.5	70.3	72.2	79.7	79.7	90.5	94.3	98.1	98.1	99.2	99.7	99.7	99.7	99.7
GE 1200	.3	16.2	43.8	71.1	72.4	80.3	80.3	90.8	94.6	98.4	98.4	99.5	100.0	100.0	100.0	100.0
GE 1000	.3	16.2	43.8	71.1	72.4	80.3	80.3	90.8	94.6	98.4	98.4	99.5	100.0	100.0	100.0	100.0
GE 900	.3	16.2	43.8	71.1	72.4	80.3	80.3	90.8	94.6	98.4	98.4	99.5	100.0	100.0	100.0	100.0
GE 800	.3	16.2	43.8	71.1	72.4	80.3	80.3	90.8	94.6	98.4	98.4	99.5	100.0	100.0	100.0	100.0
GE 700	.3	16.2	43.8	71.1	72.4	80.3	80.3	90.8	94.6	98.4	98.4	99.5	100.0	100.0	100.0	100.0
GE 600	.3	16.2	43.8	71.1	72.4	80.3	80.3	90.8	94.6	98.4	98.4	99.5	100.0	100.0	100.0	100.0
GE 500	.3	16.2	43.8	71.1	72.4	80.3	80.3	90.8	94.6	98.4	98.4	99.5	100.0	100.0	100.0	100.0
GE 400	.3	16.2	43.8	71.1	72.4	80.3	80.3	90.8	94.6	98.4	98.4	99.5	100.0	100.0	100.0	100.0
GE 300	.3	16.2	43.8	71.1	72.4	80.3	80.3	90.8	94.6	98.4	98.4	99.5	100.0	100.0	100.0	100.0
GE 200	.3	16.2	43.8	71.1	72.4	80.3	80.3	90.8	94.6	98.4	98.4	99.5	100.0	100.0	100.0	100.0
GE 100	.3	16.2	43.8	71.1	72.4	80.3	80.3	90.8	94.6	98.4	98.4	99.5	100.0	100.0	100.0	100.0
GE 00	.3	16.2	43.8	71.1	72.4	80.3	80.3	90.8	94.6	98.4	98.4	99.5	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 370

PERCENTAGE FREQUENCY OF OCCURRENCE OF DRIFTING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

POLICE OF RECORD: 75-95
MAY 18 1965

TOTAL NUMBER OF OBSERVATIONS: 427

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 616413 STATION NAME: DAKAR SENEGAL

PERIOD OF RECORD: 76-85
MONTH: FEB HOURS(LST): 2100-2500

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	
NO CEIL	6.9	31.2	48.2	50.8	57.1	57.1	66.1	58.2	69.2	68.2	68.2	68.2	59.2	63.2	68.2	59
GE 20000	11.1	40.8	51.5	61.4	70.3	77.3	83.8	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85
GE 18000	11.1	40.8	51.5	61.4	70.3	77.3	83.8	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85
GE 16000	11.1	40.8	51.5	61.4	70.3	77.3	83.8	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85
GE 14000	11.1	40.8	51.5	61.4	70.3	77.3	83.8	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85
GE 12000	13.8	45.3	57.1	68.8	75.4	75.4	88.0	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92
GE 10000	13.8	45.3	57.1	68.8	75.4	75.4	88.0	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92
GE 9000	13.8	45.3	57.1	68.8	75.4	75.4	88.0	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92
GE 8000	13.8	45.3	57.1	68.8	75.4	75.4	88.0	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92
GE 7000	13.8	45.3	57.1	68.8	75.4	75.4	88.0	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92
GE 6000	13.8	45.3	57.1	68.8	75.4	75.4	88.0	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92
GE 5000	20.4	52.0	73.5	75.4	82.0	82.0	94.6	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99
GE 4500	20.4	52.0	73.5	75.4	82.0	82.0	94.6	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99
GE 4000	20.4	52.0	73.5	75.4	82.0	82.0	94.6	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99
GE 3500	20.4	52.0	73.5	75.4	82.0	82.0	94.6	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99
GE 3000	20.4	52.0	73.5	75.4	82.0	82.0	94.6	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99
GE 2500	20.4	52.0	73.5	75.4	82.0	82.0	94.6	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99
GE 2000	20.4	52.0	73.5	75.4	82.0	82.0	94.6	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99
GE 1800	20.4	52.0	73.5	75.4	82.0	82.0	94.6	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99
GE 1600	21.0	52.6	74.2	76.0	82.6	82.6	95.2	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100
GE 1400	21.0	52.6	74.2	76.0	82.6	82.6	95.2	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100
GE 1200	21.0	52.6	74.2	76.0	82.6	82.6	95.2	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100
GE 1000	21.0	52.6	74.2	76.0	82.6	82.6	95.2	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100
GE 900	21.0	52.6	74.2	76.0	82.6	82.6	95.2	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100
GE 800	21.0	52.6	74.2	76.0	82.6	82.6	95.2	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100
GE 700	21.0	52.6	74.2	76.0	82.6	82.6	95.2	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100
GE 600	21.0	52.6	74.2	76.0	82.6	82.6	95.2	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100
GE 500	21.0	52.6	74.2	76.0	82.6	82.6	95.2	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100
GE 400	21.0	52.6	74.2	76.0	82.6	82.6	95.2	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100
GE 300	21.0	52.6	74.2	76.0	82.6	82.6	95.2	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100
GE 200	21.0	52.6	74.2	76.0	82.6	82.6	95.2	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100
GE 100	21.0	52.6	74.2	76.0	82.6	82.6	95.2	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100
GE 0	21.0	52.6	74.2	76.0	82.6	82.6	95.2	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100

TOTAL NUMBER OF OBSERVATIONS: 333

GLOBAL CLIMATOLOGY BRANCH
USAF/ETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 616410 STATION NAME: DAKAR SENEGAL

PERIOD OF RECORD: 75-85
MONTH: FEB ADJUSTED: ALL

CEILING IN FEET	GE 10	VISIBILITY IN STATUTE MILES										GE 5/8	GE 1/2	GE 5/16	GE 1/4
		GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4				
NO CEIL	1	13.2	32.8	49.4	50.9	56.8	57.0	63.1	65.5	65.2	66.4	66.9	67.3	67.5	67.5
GE 20000	1	18.1	43.0	52.3	64.7	71.4	71.5	79.4	82.5	83.4	83.9	84.3	84.9	85.3	85.3
GE 18000	1	18.1	43.0	52.3	64.7	71.4	71.5	79.4	82.5	83.4	83.9	84.3	84.9	85.3	85.3
GE 16000	1	18.1	43.0	52.3	64.7	71.4	71.5	79.4	82.5	83.4	83.9	84.3	84.9	85.3	85.3
GE 14000	1	18.2	43.1	53.0	64.9	71.6	71.9	79.7	82.7	83.7	84.0	84.6	85.2	85.3	85.3
GE 12000	1	21.3	48.3	59.3	70.9	78.1	78.4	87.0	90.1	91.1	91.4	92.0	92.6	92.7	92.9
GE 10000	1	21.3	48.3	59.3	70.9	78.1	78.4	87.0	90.1	91.1	91.4	92.0	92.6	92.7	92.9
GE 9000	1	21.3	48.3	59.3	70.9	78.1	78.4	87.0	90.1	91.1	91.4	92.0	92.6	92.7	92.9
GE 8000	1	21.3	48.3	59.3	70.9	78.1	78.4	87.0	90.1	91.1	91.4	92.0	92.6	92.7	92.9
GE 7000	1	21.3	48.3	59.3	70.9	78.1	78.4	87.0	90.1	91.1	91.4	92.0	92.6	92.7	92.9
GE 6000	1	21.3	48.3	59.3	70.9	78.1	78.4	87.0	90.1	91.1	91.4	92.0	92.6	92.7	92.9
GE 5000	1	27.5	54.5	75.3	77.3	84.5	84.7	93.3	95.5	97.4	97.7	98.3	98.9	99.3	99.1
GE 4500	1	27.5	54.6	75.3	77.3	84.5	84.7	93.3	95.5	97.4	97.8	98.4	98.9	99.1	99.1
GE 4000	1	27.5	54.6	75.3	77.3	84.5	84.7	93.3	95.5	97.4	97.8	98.4	98.9	99.1	99.1
GE 3500	1	27.5	54.6	75.3	77.3	84.5	84.7	93.3	95.5	97.4	97.8	98.4	98.9	99.1	99.1
GE 3000	1	27.6	54.6	75.4	77.3	84.5	84.7	93.4	95.5	97.5	97.8	98.4	98.9	99.1	99.1
GE 2500	1	27.6	54.6	75.4	77.3	84.5	84.7	93.4	95.5	97.5	97.8	98.4	98.9	99.1	99.1
GE 2000	1	27.6	54.6	75.4	77.3	84.5	84.7	93.4	95.5	97.5	97.8	98.4	98.9	99.1	99.1
GE 1800	1	27.6	54.6	75.4	77.3	84.5	84.7	93.4	95.5	97.5	97.8	98.4	98.9	99.1	99.1
GE 1600	1	27.6	54.6	75.4	77.3	84.5	84.7	93.4	95.5	97.5	97.8	98.4	98.9	99.1	99.1
GE 1400	1	27.6	54.6	75.4	77.3	84.5	84.7	93.4	95.5	97.5	97.8	98.4	98.9	99.1	99.1
GE 1200	1	27.6	54.6	75.4	77.3	84.5	84.7	93.4	95.5	97.5	97.8	98.4	98.9	99.1	99.1
GE 1000	1	27.6	54.6	75.4	77.3	84.5	84.7	93.4	95.5	97.5	97.8	98.4	98.9	99.1	99.1
GE 900	1	27.6	54.6	75.4	77.3	84.5	84.7	93.4	95.5	97.5	97.8	98.4	98.9	99.1	99.1
GE 800	1	27.6	54.6	75.4	77.3	84.5	84.7	93.4	95.5	97.5	97.8	98.4	98.9	99.1	99.1
GE 700	1	27.6	54.6	75.4	77.3	84.5	84.7	93.4	95.5	97.5	97.8	98.4	98.9	99.1	99.1
GE 600	1	27.6	54.6	75.4	77.3	84.5	84.7	93.4	95.5	97.5	97.8	98.4	98.9	99.1	99.1
GE 500	1	27.6	54.6	75.4	77.3	84.5	84.7	93.4	95.5	97.5	97.8	98.4	98.9	99.1	99.1
GE 400	1	27.6	54.6	75.4	77.3	84.5	84.7	93.4	95.5	97.5	97.8	98.4	98.9	99.1	99.1
GE 300	1	27.6	54.6	75.4	77.3	84.5	84.7	93.4	95.5	97.5	97.8	98.4	98.9	99.1	99.1
GE 200	1	27.6	54.6	75.4	77.3	84.5	84.7	93.4	95.5	97.5	97.8	98.4	98.9	99.1	99.1
GE 100	1	27.6	54.6	75.4	77.3	84.5	84.7	93.4	95.5	97.5	97.8	98.4	98.9	99.1	99.1
GE 0	1	27.6	54.6	75.4	77.3	84.5	84.7	93.4	95.5	97.5	97.8	98.4	98.9	99.1	99.1

TOTAL NUMBER OF OBSERVATIONS: 3136

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 016410 STATION NAME: DAKAR SENEGAL

PERIOD OF RECORD: 75-85
MONTHS: MAR ADJUSTED: 0000-0000

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 1	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4
NO CEIL	1		13.7	35.8	52.4	54.5	59.2	50.3	64.0	55.1	65.3	56.5	56.7	55.7	55.7	65.9
GE 20000			11.4	38.7	59.3	62.5	59.2	59.1	75.5	75.6	75.8	76.3	76.4	75.4	75.4	75.6
GE 18000			11.4	38.7	59.3	62.5	59.2	59.1	75.5	75.6	75.8	76.3	76.4	75.4	75.4	75.6
GE 16000			11.4	38.7	59.3	62.5	59.2	59.1	75.5	75.6	75.8	76.3	76.4	75.4	75.4	75.6
GE 14000			11.4	39.2	53.2	62.9	59.5	59.5	73.9	76.2	75.4	75.6	77.1	77.1	77.1	77.3
GE 12000			13.1	44.4	57.3	73.9	75.3	77.7	83.2	85.7	85.9	85.1	86.5	85.5	85.5	85.7
GE 10000			13.1	44.4	57.3	73.9	75.3	77.7	83.2	85.7	85.9	86.1	86.5	85.5	85.5	85.7
GE 9000			13.1	44.4	57.3	73.9	75.3	77.7	83.2	85.7	85.9	86.1	86.5	85.5	85.5	85.7
GE 8000			13.1	44.4	57.3	73.9	75.3	77.7	83.2	85.7	85.9	86.1	86.5	85.5	85.5	85.7
GE 7000			13.1	44.4	57.3	73.9	75.3	77.7	83.2	85.7	85.9	86.1	86.5	85.5	85.5	85.7
GE 6000			13.1	44.4	57.3	73.9	75.3	77.7	83.2	85.7	85.9	86.1	86.5	85.5	85.5	85.7
GE 5000			24.2	55.6	78.9	82.1	88.3	88.9	94.3	95.8	97.1	97.3	97.7	97.7	97.7	97.9
GE 4500			24.2	55.6	78.9	82.1	88.3	88.9	94.3	96.8	97.1	97.3	97.7	97.7	97.7	97.9
GE 4000			24.2	55.6	78.9	82.1	88.3	88.9	94.3	96.9	97.1	97.3	97.7	97.7	97.7	97.9
GE 3500			24.2	55.6	78.9	82.1	88.3	88.9	94.3	95.8	97.1	97.3	97.7	97.7	97.7	97.9
GE 3000			24.2	55.8	79.2	82.3	88.2	89.1	94.5	97.1	97.3	97.5	97.9	97.9	97.9	98.1
GE 2500			24.2	55.8	79.2	82.3	88.2	89.1	94.5	97.1	97.3	97.5	97.9	97.9	97.9	98.1
GE 2000			24.2	55.8	79.2	82.3	88.2	89.1	94.5	97.1	97.3	97.5	97.9	97.9	97.9	98.1
GE 1800			24.2	55.8	79.2	82.3	88.2	89.1	94.5	97.1	97.3	97.5	97.9	97.9	97.9	98.1
GE 1500			24.2	55.8	79.2	82.3	88.2	89.1	94.5	97.1	97.3	97.5	97.9	97.9	97.9	98.1
GE 1200			24.2	55.8	79.2	82.3	88.2	89.1	94.5	97.1	97.3	97.5	97.9	97.9	97.9	98.1
GE 1000			24.4	56.0	79.4	82.5	88.4	89.3	94.7	97.3	97.5	97.7	98.1	98.1	98.1	98.3
GE 900			24.4	56.0	79.4	82.5	88.4	89.3	94.7	97.3	97.5	97.7	98.1	98.1	98.1	98.3
GE 800			24.4	56.0	79.4	82.7	88.6	89.5	94.9	97.5	97.7	97.9	98.3	98.3	98.3	98.5
GE 700			24.4	56.0	79.4	82.7	88.6	89.5	94.9	97.5	97.7	97.9	98.3	98.3	98.3	98.5
GE 600			24.4	56.0	79.4	83.2	89.1	89.9	95.4	97.9	98.1	98.3	98.7	98.7	98.7	98.9
GE 500			24.4	56.0	79.4	83.6	89.5	90.3	95.8	98.3	98.5	98.7	99.2	99.2	99.2	99.5
GE 400			24.4	56.0	79.4	83.6	89.5	90.3	95.8	98.3	98.5	98.7	99.2	99.2	99.2	99.5
GE 300			24.4	56.0	79.4	83.6	89.5	90.3	95.8	98.3	98.5	98.7	99.2	99.2	99.2	99.5
GE 200			24.4	56.0	79.4	83.6	89.5	90.3	95.8	98.3	98.5	98.7	99.2	99.2	99.2	99.5
GE 100			24.4	56.0	79.4	83.6	89.5	90.3	95.8	98.3	98.5	98.7	99.2	99.2	99.2	99.5
GE 0			24.4	56.0	79.4	83.6	89.5	90.3	95.8	98.3	98.5	98.7	99.2	99.2	99.2	99.5

TOTAL NUMBER OF OBSERVATIONS: 475

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 616413 STATION NAME: DAKAR SENEGAL

PERIOD OF RECORD: 75-85
MONTH: MAR HOURS(EST): 0500-05

CEILING IN FEET	1 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	VISIBILITY IN STATUTE MILES									
							GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	
NO CEIL		10.1	34.4	48.2	49.4	55.3	55.8	63.9	61.9	62.7	62.7	63.1	63.1	63.4	63.4	
GE 20000		10.8	37.8	56.3	58.5	64.9	65.4	73.5	71.5	72.2	72.2	72.7	72.7	73.3	73.3	
GE 18000		10.8	37.8	56.3	58.5	64.9	65.4	73.5	71.5	72.2	72.2	72.7	72.7	73.3	73.3	
GE 16000		10.8	37.8	56.3	58.5	64.9	65.4	73.5	71.5	72.2	72.2	72.7	72.7	73.3	73.3	
GE 14000		10.8	38.3	57.3	59.5	65.8	66.3	71.5	72.5	73.2	73.2	73.7	73.7	74.3	74.3	
GE 12000		12.5	43.7	55.3	67.6	74.4	74.9	83.8	81.8	82.6	82.6	83.0	83.0	83.5	83.5	
GE 10000		12.5	43.7	55.3	67.6	74.4	74.9	83.8	81.8	82.6	82.6	83.0	83.0	83.5	83.5	
GE 9000		12.5	43.7	55.3	67.6	74.4	74.9	83.8	81.8	82.6	82.6	83.0	83.0	83.5	83.5	
GE 8000		12.5	43.7	55.3	67.6	74.4	74.9	83.8	81.8	82.6	82.6	83.0	83.0	83.5	83.5	
GE 7000		12.5	43.7	55.3	67.6	74.4	74.9	83.8	81.8	82.6	82.6	83.0	83.0	83.5	83.5	
GE 6000		12.5	43.7	55.3	67.6	74.4	74.9	83.8	81.8	82.6	82.6	83.0	83.0	83.5	83.5	
GE 5000		25.1	56.3	78.1	83.1	87.0	87.5	93.4	94.3	95.1	95.1	95.6	95.6	96.1	96.1	
GE 4500		25.1	56.3	78.1	83.1	87.0	87.5	93.4	94.3	95.1	95.1	95.6	95.6	96.1	96.1	
GE 4000		25.1	56.3	78.1	83.1	87.0	87.5	93.4	94.3	95.1	95.1	95.6	95.6	96.1	96.1	
GE 3500		25.1	56.3	78.1	83.1	87.0	87.5	93.4	94.3	95.1	95.1	95.6	95.6	96.1	96.1	
GE 3000		25.1	56.3	78.4	83.3	87.2	87.7	93.6	94.6	95.3	95.3	95.8	95.8	96.3	96.3	
GE 2500		25.1	56.3	78.4	83.3	87.2	87.7	93.6	94.6	95.3	95.3	95.8	95.8	96.3	96.3	
GE 2000		25.1	56.3	78.4	83.3	87.2	87.7	93.6	94.6	95.3	95.3	95.8	95.8	96.3	96.3	
GE 1800		25.1	56.3	78.4	83.3	87.2	87.7	93.6	94.6	95.3	95.3	95.8	95.8	96.3	96.3	
GE 1500		25.1	56.3	78.4	83.3	87.2	87.7	93.6	94.6	95.3	95.3	95.8	95.8	96.3	96.3	
GE 1200		25.1	56.3	78.4	83.3	87.2	87.7	93.6	94.6	95.3	95.3	95.8	95.8	96.3	96.3	
GE 1000		25.3	56.5	78.5	83.5	87.5	88.0	93.9	94.8	95.6	95.6	96.1	96.1	96.6	96.6	
GE 900		25.3	56.5	78.5	83.5	87.5	88.0	93.9	94.8	95.6	95.6	96.1	96.1	96.6	96.6	
GE 800		25.3	56.5	78.5	83.5	87.5	88.0	93.9	94.8	95.6	95.6	96.1	96.1	96.6	96.6	
GE 700		25.3	56.8	78.7	81.1	88.0	88.5	94.3	95.3	96.1	96.1	96.6	96.6	97.1	97.1	
GE 600		25.3	56.8	78.7	81.1	88.0	88.5	94.3	95.3	96.1	96.1	96.6	96.6	97.1	97.1	
GE 500		25.3	56.8	79.1	82.3	89.2	89.7	95.6	96.6	97.3	97.3	97.8	97.8	98.3	98.3	
GE 400		25.3	56.8	79.1	82.3	89.2	89.7	95.6	96.6	97.3	97.3	97.8	97.8	98.3	98.3	
GE 300		25.3	56.8	79.1	82.3	89.2	89.7	95.6	96.6	97.3	97.3	97.8	97.8	98.3	98.3	
GE 200		25.3	56.8	79.1	82.3	89.2	89.7	95.6	96.6	97.3	97.3	97.8	97.8	98.3	98.3	
GE 100		25.6	57.0	79.3	82.6	89.4	89.9	95.8	96.8	97.5	97.5	98.0	98.0	98.5	98.5	
GE 0		25.6	57.0	79.3	82.6	89.4	89.9	95.8	96.8	97.5	97.5	98.0	98.0	98.5	98.5	

TOTAL NUMBER OF OBSERVATIONS: 437

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 615413 STATION NAME: DAKAR SENEGAL

PERIOD OF RECORD: 75-85
MONTH: MAR ADJUSTED: 0500-2400

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 1	GE 3	GE 5	GE 7	GE 9	GE 11	GE 13	GE 15	GE 17	GE 19	GE 21	GE 23	GE 25	GE 27	GE 29	GE 31
NO CEIL		8.9	33.5	47.4	49.4	53.2	54.1	50.2	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4
GE 20000	9.3	37.2	55.3	58.4	64.1	54.3	70.8	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
GE 18000	9.3	37.2	55.3	58.4	64.1	54.3	70.8	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
GE 16000	9.3	37.2	55.3	58.4	64.1	54.3	70.8	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
GE 14000	9.3	37.4	56.3	59.4	64.5	54.7	71.2	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
GE 12000	12.3	44.6	56.3	69.7	75.5	75.9	83.3	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
GE 10000	12.3	44.8	56.7	69.9	75.9	76.0	83.5	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
GE 9000	12.3	44.8	56.7	69.9	75.9	76.0	83.5	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
GE 8000	12.3	44.8	56.7	69.9	75.9	76.0	83.5	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
GE 7000	12.3	44.8	56.7	69.9	75.9	76.0	83.5	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
GE 6000	12.3	44.8	56.7	69.9	75.9	76.0	83.5	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
GE 5000	23.4	55.8	77.7	81.3	86.8	87.0	94.6	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
GE 4500	23.4	55.8	77.7	81.3	86.8	87.0	94.6	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
GE 4000	23.4	55.8	77.7	81.3	86.8	87.0	94.6	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
GE 3500	23.4	55.8	77.7	81.3	86.8	87.0	94.6	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
GE 3000	23.4	55.8	77.7	81.3	86.8	87.0	94.6	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
GE 2500	23.4	55.8	77.7	81.3	86.8	87.0	94.6	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
GE 2000	23.4	55.8	77.7	81.3	86.8	87.0	94.6	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
GE 1500	23.4	55.8	77.7	81.3	86.8	87.0	94.6	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
GE 1200	23.4	56.1	77.9	81.2	87.0	87.2	94.8	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
GE 1000	23.6	56.5	78.4	81.6	87.4	87.7	95.2	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
GE 900	23.6	56.5	78.4	81.6	87.4	87.7	95.2	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
GE 800	23.6	56.5	78.4	81.6	87.4	87.7	95.2	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
GE 700	23.6	56.7	78.3	82.3	87.9	88.1	95.7	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
GE 600	23.6	56.7	78.2	82.5	88.3	88.5	96.1	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 500	23.8	56.9	80.3	83.5	89.4	89.6	97.2	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 400	23.8	56.9	80.3	83.5	89.4	89.6	97.2	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 300	23.8	56.9	80.3	83.5	89.4	89.6	97.2	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 200	23.8	56.9	80.3	83.5	89.4	89.6	97.2	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 100	23.8	56.9	80.3	83.5	89.4	89.6	97.2	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 0	23.8	56.9	80.3	83.5	89.4	89.6	97.2	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8

TOTAL NUMBER OF OBSERVATIONS: 452

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 615410 STATION NAME: DAKAR SENEGAL

PERIOD OF RECORD: 75-85
MONTH: MAR 4005(1510): 0900-1100

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 1/8
NO CEIL		15.9	26.2	36.5	38.2	40.3	40.2	48.5	49.8	50.5	51.0	51.0	51.2	51.2	51.2	51.5
GE 20000		22.5	36.3	49.3	51.5	53.9	54.2	63.0	54.2	65.2	66.4	66.4	65.7	65.7	65.9	57.2
GE 18000		22.5	36.3	49.3	51.5	53.9	54.2	63.0	54.2	65.2	66.4	66.4	65.7	65.7	65.9	57.2
GE 16000		22.5	36.3	49.3	51.5	53.9	54.2	63.0	54.2	65.2	66.4	66.4	65.7	65.7	65.9	57.2
GE 14000		23.0	37.3	50.7	52.5	54.9	55.1	64.2	55.4	66.4	67.5	67.5	67.9	64.1	64.1	53.4
GE 12000		27.0	44.1	60.3	62.3	65.0	65.9	76.0	77.5	78.7	79.9	79.9	80.1	80.4	80.5	43.9
GE 10000		27.0	44.1	60.3	62.3	65.0	65.9	76.0	77.5	78.7	79.9	79.9	80.1	80.4	80.5	43.9
GE 9000		27.0	44.1	60.3	62.3	65.0	65.9	76.0	77.5	78.7	79.9	79.9	80.1	80.4	80.5	43.9
GE 8000		27.0	44.1	60.3	62.3	65.0	65.9	76.0	77.5	78.7	79.9	79.9	80.1	80.4	80.5	43.9
GE 7000		27.0	44.1	60.3	62.3	65.0	65.9	76.0	77.5	78.7	79.9	79.9	80.1	80.4	80.5	43.9
GE 6000		27.0	44.1	60.3	62.3	65.0	65.9	76.0	77.5	78.7	79.9	79.9	80.1	80.4	80.5	43.9
GE 5000		42.9	60.0	76.3	78.2	80.9	81.9	91.9	93.4	94.6	95.8	95.8	95.1	95.3	95.5	75.3
GE 4500		42.9	60.0	76.3	78.2	80.9	81.9	91.9	93.4	94.6	95.8	95.8	95.1	95.3	95.5	75.3
GE 4000		42.9	60.0	76.3	78.2	80.9	81.9	91.9	93.4	94.6	95.8	95.8	95.1	95.3	95.5	75.3
GE 3500		42.9	60.0	76.3	78.2	80.9	81.9	91.9	93.4	94.6	95.8	95.8	95.1	95.3	95.5	75.3
GE 3000		42.9	60.0	76.3	78.2	80.9	81.9	91.9	93.4	94.6	95.8	95.8	95.1	95.3	95.5	75.3
GE 2500		42.9	60.0	76.3	78.2	80.9	81.9	91.9	93.4	94.6	95.8	95.8	95.1	95.3	95.5	75.3
GE 2000		42.9	60.0	76.3	78.2	80.9	81.9	91.9	93.4	94.6	95.8	95.8	95.1	95.3	95.5	75.3
GE 1800		42.9	60.0	76.3	78.2	80.9	81.9	91.9	93.4	94.6	95.8	95.8	95.1	95.3	95.5	75.3
GE 1500		42.9	60.0	76.3	78.2	80.9	81.9	91.9	93.4	94.6	95.8	95.8	95.1	95.3	95.5	75.3
GE 1200		43.1	60.3	76.2	78.4	81.1	82.1	92.2	93.6	94.9	96.1	96.1	95.3	95.5	95.8	77.1
GE 1000		43.6	60.8	78.2	80.4	83.1	84.1	94.1	95.6	96.8	98.0	98.0	97.3	98.5	99.8	79.0
GE 900		43.6	60.8	78.2	80.4	83.1	84.1	94.1	95.6	96.8	98.0	98.0	97.3	98.5	99.8	79.0
GE 800		44.1	61.5	79.2	81.4	84.1	85.0	95.1	96.6	97.8	99.0	99.0	98.3	99.5	99.8	100.0
GE 700		44.1	61.5	79.2	81.4	84.1	85.0	95.1	96.6	97.8	99.0	99.0	98.3	99.5	99.8	100.0
GE 600		44.1	61.5	79.2	81.4	84.1	85.0	95.1	96.6	97.8	99.0	99.0	98.3	99.5	99.8	100.0
GE 500		44.1	61.5	79.2	81.4	84.1	85.0	95.1	96.6	97.8	99.0	99.0	98.3	99.5	99.8	100.0
GE 400		44.1	61.5	79.2	81.4	84.1	85.0	95.1	96.6	97.8	99.0	99.0	98.3	99.5	99.8	100.0
GE 300		44.1	61.5	79.2	81.4	84.1	85.0	95.1	96.6	97.8	99.0	99.0	98.3	99.5	99.8	100.0
GE 200		44.1	61.5	79.2	81.4	84.1	85.0	95.1	96.6	97.8	99.0	99.0	98.3	99.5	99.8	100.0
GE 100		44.1	61.5	79.2	81.4	84.1	85.0	95.1	96.6	97.8	99.0	99.0	98.3	99.5	99.8	100.0
GE 01		44.1	61.5	79.2	81.4	84.1	85.0	95.1	96.6	97.8	99.0	99.0	98.3	99.5	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS: 438

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 616413 STATION NAME: DAKAR SENEGAL

PERIOD OF RECORD: 75-85
MONTH: MAR YEARS: 1975-1985

CEILING IN FEET	1	VISIBILITY IN STATUTE MILES										1	3/4	5/8	1/2	5/16	3/16	1/4	1/8
		GE	GE	GE	GE	GE	GE	GE	GE	GE	GE								
NO CIL	1	.2	23.8	34.4	44.5	46.3	48.5	49.1	56.2	58.6	58.6	58.8	59.3	59.7	59.7	59.7	59.7	59.7	59.7
GE 20000	.2	28.9	41.6	55.2	58.1	51.2	51.2	51.9	68.9	71.6	71.6	72.5	73.1	73.3	73.3	73.3	73.3	73.3	73.3
GE 18000	.2	28.9	41.6	55.2	58.1	51.2	51.2	51.9	68.9	71.6	71.6	72.5	73.1	73.3	73.3	73.3	73.3	73.3	73.3
GE 16000	.2	28.9	41.6	55.2	58.1	51.2	51.2	51.9	68.9	71.6	71.6	72.5	73.1	73.3	73.3	73.3	73.3	73.3	73.3
GE 14000	.2	29.5	42.7	57.3	59.5	62.6	63.2	73.3	72.9	73.1	73.8	74.4	75.1	75.1	75.1	75.1	75.1	75.1	75.1
GE 12000	.2	32.8	48.7	66.1	69.5	72.2	73.6	80.8	83.5	83.7	84.4	85.0	85.7	85.7	85.7	85.7	85.7	85.7	85.7
GE 10000	.2	32.8	48.7	66.1	69.5	72.2	73.6	80.8	83.5	83.7	84.4	85.0	85.7	85.7	85.7	85.7	85.7	85.7	85.7
GE 9000	.2	32.8	48.7	66.1	69.5	72.2	73.6	80.8	83.5	83.7	84.4	85.0	85.7	85.7	85.7	85.7	85.7	85.7	85.7
GE 8000	.2	32.8	48.7	66.1	69.5	72.2	73.6	80.8	83.5	83.7	84.4	85.0	85.7	85.7	85.7	85.7	85.7	85.7	85.7
GE 7000	.2	32.8	48.7	66.1	69.5	72.2	73.6	80.8	83.5	83.7	84.4	85.0	85.7	85.7	85.7	85.7	85.7	85.7	85.7
GE 6000	.2	32.8	48.7	66.1	69.5	72.2	73.6	80.8	83.5	83.7	84.4	85.0	85.7	85.7	85.7	85.7	85.7	85.7	85.7
GE 5000	.2	46.0	61.9	79.3	81.7	85.5	86.8	94.1	95.7	95.9	97.5	98.2	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 4500	.2	46.0	61.9	79.3	81.7	85.5	86.8	94.1	95.7	95.9	97.5	98.2	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 4000	.2	46.0	61.9	79.3	81.7	85.5	86.8	94.1	95.7	95.9	97.5	98.2	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 3500	.2	46.0	61.9	79.3	81.7	85.5	86.8	94.1	95.7	95.9	97.5	98.2	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 3000	.2	46.0	61.9	79.3	81.7	85.5	86.8	94.1	95.7	95.9	97.5	98.2	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 2500	.2	46.0	61.9	79.3	81.7	85.5	86.8	94.1	95.7	95.9	97.5	98.2	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 2000	.2	46.0	61.9	79.3	81.7	85.5	86.8	94.1	95.7	95.9	97.5	98.2	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 1800	.2	46.0	61.9	79.3	81.7	85.5	86.8	94.1	95.7	95.9	97.5	98.2	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 1600	.2	46.0	61.9	79.3	81.7	85.5	86.8	94.1	95.7	95.9	97.5	98.2	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 1400	.2	46.0	61.9	79.3	81.7	85.5	86.8	94.1	95.7	95.9	97.5	98.2	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 1200	.2	46.0	61.9	79.3	81.7	85.5	86.8	94.1	95.7	95.9	97.5	98.2	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 1000	.2	46.0	61.9	79.3	81.7	85.5	86.8	94.1	95.7	95.9	97.5	98.2	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 900	.2	46.0	61.9	79.3	81.7	85.5	86.8	94.1	95.7	95.9	97.5	98.2	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 800	.2	46.0	61.9	79.3	81.7	85.5	86.8	94.1	95.7	95.9	97.5	98.2	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 700	.2	46.0	61.9	79.3	81.7	85.5	86.8	94.1	95.7	95.9	97.5	98.2	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 600	.2	46.0	61.9	79.3	81.7	85.5	86.8	94.1	95.7	95.9	97.5	98.2	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 500	.2	46.0	61.9	79.3	81.7	85.5	86.8	94.1	95.7	95.9	97.5	98.2	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 400	.2	46.0	61.9	79.3	81.7	85.5	86.8	94.1	95.7	95.9	97.5	98.2	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 300	.2	46.0	61.9	79.3	81.7	85.5	86.8	94.1	95.7	95.9	97.5	98.2	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 200	.2	46.0	61.9	79.3	81.7	85.5	86.8	94.1	95.7	95.9	97.5	98.2	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 100	.2	46.0	61.9	79.3	81.7	85.5	86.8	94.1	95.7	95.9	97.5	98.2	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE	.2	46.0	61.9	79.3	81.7	85.5	86.8	94.1	95.7	95.9	97.5	98.2	98.9	98.9	98.9	98.9	98.9	98.9	98.9

TOTAL NUMBER OF OBSERVATIONS: 454

GLOBAL CLIMATOLOGY BRANCH
USAF/CLTAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 616410 STATION NAME: DAKAR SENEGAL

PERIOD OF RECORD: 75-85
MONTH: MAR HOURS (LOCAL): 1500-1700

CEILING IN FEET	1	VISIBILITY IN STATUTE MILES								1	3/4	5/8	1/2	5/16	1/4	0
		GE	GE	GE	GE	GE	GE	GE	GE							
NO CEIL	1		22.8	32.6	43.5	44.1	48.0	48.2	55.6	56.8	57.1	57.1	57.3	58.5	59.5	59.5
GE 20000	.2	28.8	40.0	53.2	54.3	58.3	58.5	65.2	57.4	57.9	58.3	58.5	73.7	73.7	73.7	71.2
GE 18000	.2	28.8	40.0	53.2	54.3	58.3	58.5	65.2	57.4	57.9	58.3	58.5	73.7	73.7	73.7	71.2
GE 16000	.2	28.8	40.0	53.2	54.3	58.3	58.5	65.2	57.4	57.9	58.3	58.5	73.7	73.7	73.7	71.2
GE 14000	.2	29.3	41.7	55.4	55.1	60.4	60.7	68.3	69.5	73.0	70.5	70.7	72.9	72.9	72.9	73.4
GE 12000	.2	32.4	46.5	61.5	62.4	67.6	68.1	75.8	77.0	77.5	77.9	78.2	83.3	83.3	83.3	83.3
GE 10000	.2	32.4	46.5	61.5	62.4	67.6	68.1	75.8	77.0	77.5	77.9	78.2	83.3	83.3	83.3	83.3
GE 9000	.2	32.4	46.5	61.5	62.4	67.6	68.1	75.8	77.0	77.5	77.9	78.2	83.3	83.3	83.3	83.3
GE 8000	.2	32.4	46.5	61.5	62.4	67.6	68.1	75.8	77.0	77.5	77.9	78.2	83.3	83.3	83.3	83.3
GE 7000	.2	32.4	46.5	61.5	62.4	67.6	68.1	75.8	77.0	77.5	77.9	78.2	83.3	83.3	83.3	83.3
GE 6000	.2	32.4	46.5	61.5	62.4	67.6	68.1	75.8	77.0	77.5	77.9	78.2	83.3	83.3	83.3	83.3
GE 5000	.2	53.6	64.7	79.7	83.6	85.9	86.3	94.3	95.2	95.7	96.2	96.4	98.6	98.6	98.6	99.3
GE 4500	.2	50.6	64.7	79.7	80.6	85.9	86.3	94.3	95.2	95.7	96.2	96.4	98.6	98.6	98.6	99.3
GE 4000	.2	53.6	64.7	79.7	83.6	85.9	86.3	94.3	95.2	95.7	96.2	96.4	98.6	98.6	98.6	99.3
GE 3500	.2	53.6	64.7	79.7	83.6	85.9	86.3	94.3	95.2	95.7	96.2	96.4	98.6	98.6	98.6	99.3
GE 3000	.2	50.6	64.7	79.7	80.6	85.9	86.3	94.3	95.2	95.7	96.2	96.4	98.6	98.6	98.6	99.3
GE 2500	.2	50.6	64.7	79.7	83.6	85.9	86.3	94.3	95.2	95.7	96.2	96.4	98.6	98.6	98.6	99.3
GE 2000	.2	50.6	64.7	79.7	83.6	85.9	86.3	94.3	95.2	95.7	96.2	96.4	98.6	98.6	98.6	99.3
GE 1800	.2	50.6	64.7	79.7	80.6	85.9	86.3	94.3	95.2	95.7	96.2	96.4	98.6	98.6	98.6	99.3
GE 1600	.2	53.6	64.7	79.7	80.6	85.9	86.3	94.3	95.2	95.7	96.2	96.4	98.6	98.6	98.6	99.3
GE 1400	.2	50.6	64.7	79.7	80.6	85.9	86.3	94.3	95.2	95.7	96.2	96.4	98.6	98.6	98.6	99.3
GE 1200	.2	51.6	65.7	80.3	81.5	86.8	87.3	95.0	96.2	96.6	97.1	97.4	99.5	99.5	99.5	100.0
GE 1000	.2	51.6	65.7	80.3	81.5	86.8	87.3	95.0	96.2	96.6	97.1	97.4	99.5	99.5	99.5	100.0
GE 900	.2	51.6	65.7	80.3	81.5	86.8	87.3	95.0	96.2	96.6	97.1	97.4	99.5	99.5	99.5	100.0
GE 800	.2	51.6	65.7	80.3	81.5	86.8	87.3	95.0	96.2	96.6	97.1	97.4	99.5	99.5	99.5	100.0
GE 700	.2	51.6	65.7	80.3	81.5	86.8	87.3	95.0	96.2	96.6	97.1	97.4	99.5	99.5	99.5	100.0
GE 600	.2	51.6	65.7	80.3	81.5	86.8	87.3	95.0	96.2	96.6	97.1	97.4	99.5	99.5	99.5	100.0
GE 500	.2	51.6	65.7	80.3	81.5	86.8	87.3	95.0	96.2	96.6	97.1	97.4	99.5	99.5	99.5	100.0
GE 400	.2	51.6	65.7	80.3	81.5	86.8	87.3	95.0	96.2	96.6	97.1	97.4	99.5	99.5	99.5	100.0
GE 300	.2	51.6	65.7	80.3	81.5	86.8	87.3	95.0	96.2	96.6	97.1	97.4	99.5	99.5	99.5	100.0
GE 200	.2	51.6	65.7	80.3	81.5	86.8	87.3	95.0	96.2	96.6	97.1	97.4	99.5	99.5	99.5	100.0
GE 100	.2	51.6	65.7	80.3	81.5	86.8	87.3	95.0	96.2	96.6	97.1	97.4	99.5	99.5	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS: 417

GLOBAL CLIMATOLOGY BRANCH
USAF/PTAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 616410 STATION NAME: DAKAR SENEGAL

PERIOD OF RECORD: 75-95
MONTH: MAR HOURS(EST): 1900-2100

CEILING			VISIBILITY IN STATUTE MILES														
IN FEET	I	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 1/8
NO CEIL	I		22.2	33.2	45.3	46.8	49.8	49.8	54.7	56.3	56.7	56.9	57.1	58.2	58.2	58.4	58.5
GE 20000	.2	28.0	42.0	57.5	59.5	53.1	63.4	69.2	73.9	71.6	71.9	72.3	73.7	73.7	74.1	74.5	
GE 18000	.2	28.0	42.0	57.5	59.5	53.1	63.4	69.2	73.9	71.6	71.9	72.3	73.7	73.7	74.1	74.5	
GE 16000	.2	28.0	42.0	57.5	59.5	53.1	63.4	69.2	73.9	71.6	71.9	72.3	73.7	73.7	74.1	74.5	
GE 14000	.2	28.4	42.9	58.5	60.6	64.2	64.4	73.3	72.3	72.6	72.8	73.1	74.9	75.3	75.2	75.5	
GE 12000	.2	31.3	48.3	67.7	70.3	74.8	75.3	83.8	82.5	83.4	83.5	83.8	85.9	85.3	85.2	85.5	
GE 10000	.2	31.3	48.3	67.7	70.3	74.8	75.3	83.8	82.5	83.4	83.5	83.8	85.9	85.3	85.2	85.5	
GE 9000	.2	31.3	48.3	67.7	70.3	74.8	75.3	83.8	82.5	83.4	83.5	83.8	85.9	85.3	85.2	85.5	
GE 8000	.2	31.3	48.3	67.7	70.3	74.8	75.3	83.8	82.5	83.4	83.5	83.8	85.9	85.3	85.2	85.5	
GE 7000	.2	31.3	48.3	67.7	70.3	74.8	75.3	83.8	82.5	83.4	83.5	83.8	85.9	85.3	85.2	85.5	
GE 6000	.2	31.3	48.3	67.7	70.3	74.8	75.3	83.8	82.5	83.4	83.5	83.8	85.9	85.3	85.2	85.5	
GE 5000	.2	43.8	60.8	83.4	82.5	87.3	87.5	93.3	95.0	95.9	95.1	96.3	98.3	98.5	98.7	99.1	
GE 4500	.2	43.8	60.8	83.4	82.5	87.3	87.5	93.3	95.0	95.9	95.1	96.3	98.3	98.5	98.7	99.1	
GE 4000	.2	43.8	60.8	83.4	82.5	87.3	87.5	93.3	95.0	95.9	95.1	96.3	98.3	98.5	98.7	99.1	
GE 3500	.2	43.8	60.8	83.4	82.5	87.3	87.5	93.3	95.0	95.9	95.1	96.3	98.3	98.5	98.7	99.1	
GE 3000	.2	43.8	60.8	83.4	82.5	87.3	87.5	93.3	95.0	95.9	95.1	96.3	98.3	98.5	98.7	99.1	
GE 2500	.2	43.8	60.8	83.4	82.5	87.3	87.5	93.3	95.0	95.9	95.1	96.3	98.3	98.5	98.7	99.1	
GE 2000	.2	43.8	60.8	83.4	82.5	87.3	87.5	93.3	95.0	95.9	95.1	96.3	98.3	98.5	98.7	99.1	
GE 1800	.2	43.8	60.8	83.4	82.5	87.3	87.5	93.3	95.0	95.9	95.1	96.3	98.3	98.5	98.7	99.1	
GE 1500	.2	44.4	61.0	83.5	82.8	87.5	87.7	93.5	95.3	95.1	96.3	96.6	98.5	98.7	98.9	99.4	
GE 1200	.2	44.4	61.6	81.5	83.4	88.1	88.4	94.2	95.9	95.8	97.3	97.2	99.1	99.4	99.5	100.0	
GE 1000	.2	44.4	61.6	81.5	83.4	88.1	88.4	94.2	95.9	95.8	97.3	97.2	99.1	99.4	99.5	100.0	
GE 900	.2	44.4	61.6	81.5	83.4	88.1	88.4	94.2	95.9	95.8	97.3	97.2	99.1	99.4	99.5	100.0	
GE 800	.2	44.4	61.6	81.5	83.4	88.1	88.4	94.2	95.9	95.8	97.3	97.2	99.1	99.4	99.5	100.0	
GE 700	.2	44.4	61.6	81.5	83.4	88.1	88.4	94.2	95.9	95.8	97.3	97.2	99.1	99.4	99.5	100.0	
GE 600	.2	44.4	61.6	81.5	83.4	88.1	88.4	94.2	95.9	95.8	97.3	97.2	99.1	99.4	99.5	100.0	
GE 500	.2	44.4	61.6	81.5	83.4	88.1	88.4	94.2	95.9	95.8	97.3	97.2	99.1	99.4	99.5	100.0	
GE 400	.2	44.4	61.6	81.5	83.4	88.1	88.4	94.2	95.9	95.8	97.3	97.2	99.1	99.4	99.5	100.0	
GE 300	.2	44.4	61.6	81.5	83.4	88.1	88.4	94.2	95.9	95.8	97.3	97.2	99.1	99.4	99.5	100.0	
GE 200	.2	44.4	61.6	81.5	83.4	88.1	88.4	94.2	95.9	95.8	97.3	97.2	99.1	99.4	99.5	100.0	
GE 100	.2	44.4	61.6	81.5	83.4	88.1	88.4	94.2	95.9	95.8	97.3	97.2	99.1	99.4	99.5	100.0	
GE 00	.2	44.4	61.6	81.5	83.4	88.1	88.4	94.2	95.9	95.8	97.3	97.2	99.1	99.4	99.5	100.0	

TOTAL NUMBER OF OBSERVATIONS: 454

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR & ATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 616417 STATION NAME: DAKAR SENEGAL

PERIOD OF RECORD: 75-85
MONTH: MAR HOURS(EST): 2100-2300

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	1	3	5	7	9	10	11	12	13	14	15	16	17	18	19	20
NO CEIL		11.6	30.6	46.2	47.2	52.3	53.3	55.6	57.3	57.6	57.6	57.6	59.1	59.1	59.3	59.3
GE 20000	14.4	35.6	54.3	55.6	61.1	62.4	64.6	55.9	57.7	57.7	57.7	57.7	59.2	59.4	63.7	53.9
GE 19000	14.4	35.6	54.3	55.6	61.1	62.4	64.6	55.9	57.7	57.7	57.7	57.7	59.2	59.4	63.7	53.9
GE 18000	14.4	35.6	54.3	55.6	61.1	62.4	64.6	55.9	57.7	57.7	57.7	57.7	59.2	59.4	63.7	53.9
GE 17000	14.4	35.6	54.3	55.6	61.1	62.4	64.6	55.9	57.7	57.7	57.7	57.7	59.2	59.4	63.7	53.9
GE 16000	14.4	35.6	54.3	55.6	61.1	62.4	64.6	55.9	57.7	57.7	57.7	57.7	59.2	59.4	63.7	53.9
GE 15000	14.4	35.6	54.3	55.6	61.1	62.4	64.6	55.9	57.7	57.7	57.7	57.7	59.2	59.4	63.7	53.9
GE 14000	14.4	35.6	54.3	55.6	61.1	62.4	64.6	55.9	57.7	57.7	57.7	57.7	59.2	59.4	63.7	53.9
GE 13000	14.4	35.6	54.3	55.6	61.1	62.4	64.6	55.9	57.7	57.7	57.7	57.7	59.2	59.4	63.7	53.9
GE 12000	14.4	35.6	54.3	55.6	61.1	62.4	64.6	55.9	57.7	57.7	57.7	57.7	59.2	59.4	63.7	53.9
GE 11000	14.4	35.6	54.3	55.6	61.1	62.4	64.6	55.9	57.7	57.7	57.7	57.7	59.2	59.4	63.7	53.9
GE 10000	14.4	35.6	54.3	55.6	61.1	62.4	64.6	55.9	57.7	57.7	57.7	57.7	59.2	59.4	63.7	53.9
GE 9000	14.4	35.6	54.3	55.6	61.1	62.4	64.6	55.9	57.7	57.7	57.7	57.7	59.2	59.4	63.7	53.9
GE 8000	14.4	35.6	54.3	55.6	61.1	62.4	64.6	55.9	57.7	57.7	57.7	57.7	59.2	59.4	63.7	53.9
GE 7000	14.4	35.6	54.3	55.6	61.1	62.4	64.6	55.9	57.7	57.7	57.7	57.7	59.2	59.4	63.7	53.9
GE 6000	14.4	35.6	54.3	55.6	61.1	62.4	64.6	55.9	57.7	57.7	57.7	57.7	59.2	59.4	63.7	53.9
GE 5000	14.4	35.6	54.3	55.6	61.1	62.4	64.6	55.9	57.7	57.7	57.7	57.7	59.2	59.4	63.7	53.9
GE 4000	14.4	35.6	54.3	55.6	61.1	62.4	64.6	55.9	57.7	57.7	57.7	57.7	59.2	59.4	63.7	53.9
GE 3000	14.4	35.6	54.3	55.6	61.1	62.4	64.6	55.9	57.7	57.7	57.7	57.7	59.2	59.4	63.7	53.9
GE 2000	14.4	35.6	54.3	55.6	61.1	62.4	64.6	55.9	57.7	57.7	57.7	57.7	59.2	59.4	63.7	53.9
GE 1000	14.4	35.6	54.3	55.6	61.1	62.4	64.6	55.9	57.7	57.7	57.7	57.7	59.2	59.4	63.7	53.9
GE 0	14.4	35.6	54.3	55.6	61.1	62.4	64.6	55.9	57.7	57.7	57.7	57.7	59.2	59.4	63.7	53.9

TOTAL NUMBER OF OBSERVATIONS: 376

GLOBAL CLIMATOLOGY BRANCH
JSAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 616410 STATION NAME: DAKAR SENEGAL

PERIOD OF RECORD: 75-85
MONTH: MAR HOURS(DST): ALL

CEILING IN FEET	1	VISIBILITY IN STATUTE MILES															
		GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 1/8
NO CEIL	1	0.0	15.6	32.7	45.7	47.1	51.0	51.4	57.1	59.5	59.9	59.0	59.2	59.7	59.7	59.8	59.2
GE 20000	1	19.3	38.8	55.5	57.4	62.0	62.5	68.5	73.1	73.6	73.9	71.2	71.7	72.2	73.2	72.5	72.5
GE 18000	1	19.3	38.8	55.5	57.4	62.0	62.5	68.5	73.1	73.6	73.9	71.2	71.7	72.2	73.2	72.5	72.5
GE 16000	1	19.3	38.8	55.5	57.4	62.0	62.5	68.5	73.1	73.6	73.9	71.2	71.7	72.2	73.2	72.5	72.5
GE 14000	1	19.5	39.6	56.5	59.5	53.0	53.6	69.6	71.2	71.7	72.0	72.5	73.0	73.2	73.3	73.7	73.7
GE 12000	1	22.3	45.3	54.7	67.2	72.4	73.1	79.6	81.3	82.0	82.3	82.5	83.3	83.5	83.7	84.1	84.1
GE 10000	1	22.3	45.3	54.7	67.2	72.4	73.1	79.7	81.4	82.0	82.3	82.5	83.4	83.5	83.7	84.1	84.1
GE 9000	1	22.3	45.3	54.7	67.2	72.4	73.1	79.7	81.4	82.0	82.3	82.5	83.4	83.5	83.7	84.1	84.1
GE 8000	1	22.3	45.3	54.7	67.2	72.4	73.1	79.7	81.4	82.0	82.3	82.5	83.4	83.5	83.7	84.1	84.1
GE 7000	1	22.3	45.3	54.7	67.2	72.4	73.1	79.7	81.4	82.0	82.3	82.5	83.4	83.5	83.7	84.1	84.1
GE 6000	1	22.3	45.3	54.7	67.2	72.4	73.1	79.7	81.4	82.0	82.3	82.5	83.4	83.5	83.7	84.1	84.1
GE 5000	1	36.3	59.3	79.3	81.3	86.4	87.2	93.7	95.4	95.0	96.4	96.5	97.4	97.7	97.8	98.2	98.2
GE 4500	1	36.3	59.3	79.3	81.3	86.4	87.2	93.7	95.4	95.0	96.4	96.5	97.4	97.7	97.8	98.2	98.2
GE 4000	1	36.3	59.3	79.3	81.3	86.4	87.2	93.7	95.4	95.0	96.4	96.5	97.4	97.7	97.8	98.2	98.2
GE 3500	1	36.3	59.3	79.3	81.3	86.4	87.2	93.7	95.4	95.0	96.4	96.5	97.4	97.7	97.8	98.2	98.2
GE 3000	1	36.3	59.4	79.3	81.3	86.5	87.2	93.8	95.5	95.1	96.4	96.7	97.5	97.7	97.8	98.2	98.2
GE 2500	1	36.3	59.4	79.3	81.3	86.5	87.2	93.8	95.5	95.1	96.4	96.7	97.5	97.7	97.8	98.2	98.2
GE 2000	1	36.3	59.4	79.3	81.3	86.5	87.2	93.8	95.5	95.1	96.4	96.7	97.5	97.7	97.8	98.2	98.2
GE 1800	1	36.3	59.4	79.3	81.3	86.5	87.2	93.8	95.5	95.1	96.4	96.7	97.5	97.7	97.8	98.2	98.2
GE 1500	1	36.4	59.4	79.3	81.3	86.5	87.3	93.8	95.5	95.1	96.5	96.7	97.5	97.5	97.9	98.2	98.2
GE 1200	1	36.5	59.6	79.3	81.5	86.8	87.5	94.0	95.7	95.4	96.7	97.0	97.7	98.3	98.1	98.5	98.5
GE 1000	1	36.8	59.9	79.3	82.1	87.3	88.0	94.5	96.2	95.9	97.2	97.5	98.2	98.3	98.6	98.9	98.9
GE 900	1	36.8	59.9	79.3	82.1	87.3	88.0	94.5	96.2	95.9	97.2	97.5	98.2	98.3	98.6	98.9	98.9
GE 800	1	36.9	60.1	80.0	82.3	87.5	88.3	94.8	96.6	97.2	97.5	97.8	98.5	98.7	99.0	99.3	99.3
GE 700	1	36.9	60.1	80.1	82.4	87.6	88.3	94.9	96.6	97.2	97.5	97.8	98.5	98.7	99.0	99.3	99.3
GE 600	1	36.9	60.1	80.2	82.5	87.7	88.4	95.0	96.7	97.4	97.7	98.0	98.7	99.0	99.1	99.5	99.5
GE 500	1	37.0	60.2	80.4	82.9	88.1	88.8	95.3	97.1	97.7	98.0	98.3	99.1	99.4	99.5	99.9	99.9
GE 400	1	37.0	60.2	80.4	82.9	88.1	88.8	95.3	97.1	97.7	98.0	98.3	99.1	99.4	99.5	99.9	99.9
GE 300	1	37.0	60.2	80.4	82.9	88.1	88.8	95.3	97.1	97.7	98.0	98.3	99.1	99.4	99.5	99.9	99.9
GE 200	1	37.0	60.2	80.4	82.9	88.1	88.8	95.3	97.1	97.7	98.0	98.3	99.1	99.4	99.5	99.9	99.9
GE 100	1	37.0	60.2	80.4	82.9	88.1	88.8	95.3	97.1	97.7	98.0	98.3	99.1	99.4	99.5	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS: 3493

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 616410 STATION NAME: DAKAR SENEGAL

PERIOD OF RECORD: 75-85
MONTH: APR HOURS/DAYS: 1000-2200

CEILING IN FEET	VISIBILITY IN STATUTE MILES														
	1	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16
NO CLIC I		14.2	48.2	56.3	66.4	70.4	70.9	74.2	75.3	75.3	75.3	75.3	75.7	75.7	75.7
GE 20000	16.1	52.9	71.7	72.5	75.5	75.5	77.9	81.2	81.2	81.2	81.2	81.5	81.5	81.5	81.5
GE 18000	16.1	52.9	71.7	72.5	75.5	75.5	77.9	81.2	81.2	81.2	81.2	81.5	81.5	81.5	81.5
GE 16000	16.1	52.9	71.7	72.5	75.5	75.5	77.9	81.2	81.2	81.2	81.2	81.5	81.5	81.5	81.5
GE 14000	16.1	53.1	71.7	72.7	75.7	75.7	80.1	81.4	81.4	81.4	81.4	81.8	81.8	81.8	81.8
GE 12000	16.7	55.6	74.3	75.7	79.9	79.9	83.3	84.6	84.6	84.6	84.6	85.0	85.0	85.0	85.0
GE 10000	16.7	55.6	74.3	75.9	79.9	79.9	83.3	84.6	84.6	84.6	84.6	85.0	85.0	85.0	85.0
GE 9000	16.7	55.6	74.3	75.9	79.9	79.9	83.3	84.6	84.6	84.6	84.6	85.0	85.0	85.0	85.0
GE 8000	16.7	55.6	74.3	75.9	79.9	79.9	83.3	84.6	84.6	84.6	84.6	85.0	85.0	85.0	85.0
GE 7000	16.7	55.6	74.3	75.9	79.9	79.9	83.3	84.6	84.6	84.6	84.6	85.0	85.0	85.0	85.0
GE 6000	16.7	55.6	74.3	75.9	79.9	79.9	83.3	84.6	84.6	84.6	84.6	85.0	85.0	85.0	85.0
GE 5000	26.0	64.9	84.1	85.2	89.2	89.2	92.6	93.9	93.9	93.9	93.9	94.3	94.3	94.3	94.3
GE 4500	26.0	64.9	84.1	85.2	89.2	89.2	92.6	93.9	93.9	93.9	93.9	94.3	94.3	94.3	94.3
GE 4000	26.0	64.9	84.1	85.2	89.2	89.2	92.6	93.9	93.9	93.9	93.9	94.3	94.3	94.3	94.3
GE 3500	26.0	64.9	84.1	85.2	89.2	89.2	92.6	93.9	93.9	93.9	93.9	94.3	94.3	94.3	94.3
GE 3000	26.0	64.9	84.1	85.2	89.2	89.2	92.6	93.9	93.9	93.9	93.9	94.3	94.3	94.3	94.3
GE 2500	26.0	64.9	84.1	85.2	89.2	89.2	92.6	93.9	93.9	93.9	93.9	94.3	94.3	94.3	94.3
GE 2000	26.0	64.9	84.4	85.4	89.4	89.4	92.8	94.1	94.1	94.1	94.1	94.5	94.5	94.5	94.5
GE 1500	26.2	65.1	84.5	85.6	89.5	89.5	93.0	94.3	94.3	94.3	94.3	94.7	94.7	94.7	94.7
GE 1200	26.2	65.5	85.5	87.5	91.5	91.5	94.9	95.2	95.2	95.2	95.2	95.5	95.5	95.5	95.5
GE 1000	26.8	66.4	87.5	88.5	92.6	92.6	95.0	97.3	97.3	97.3	97.3	97.7	97.7	97.7	97.7
GE 900	26.8	66.4	87.5	88.6	92.6	92.6	95.0	97.3	97.3	97.3	97.3	97.7	97.7	97.7	97.7
GE 800	26.8	66.6	87.7	88.8	92.8	92.8	95.2	97.5	97.5	97.5	97.5	97.9	97.9	97.9	97.9
GE 700	26.8	67.0	88.2	89.2	93.2	93.2	95.6	97.9	97.9	97.9	97.9	98.3	98.3	98.3	98.3
GE 600	26.8	67.2	89.3	90.1	94.1	94.1	97.5	99.7	99.7	99.7	99.7	99.9	99.9	99.9	99.9
GE 500	26.8	67.2	89.3	90.1	94.3	94.3	97.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 400	26.8	67.2	89.3	90.1	94.3	94.3	97.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 300	26.8	67.2	89.3	90.1	94.3	94.3	97.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 200	26.8	67.2	89.3	90.1	94.3	94.3	97.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 100	26.8	67.2	89.3	90.1	94.3	94.3	97.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 00	26.8	67.2	89.3	90.1	94.3	94.3	97.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS: 473

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 616413 STATION NAME: DAKAR SENEGAL

PERIOD OF RECORD: 75-85
MONTH: APR HOUR(S): 0300-0500

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	1	10	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4
NO CEIL			12.8	45.6	53.2	64.4	55.9	57.2	70.7	70.9	71.4	71.4	71.4	71.4	71.4	71.7
GE 20000	.3	14.3	47.9	57.2	64.4	71.2	71.4	74.9	75.2	75.7	75.7	75.7	75.7	75.7	75.7	75.9
GE 18000	.3	14.3	47.9	57.2	64.4	71.2	71.4	74.9	75.2	75.7	75.7	75.7	75.7	75.7	75.7	75.9
GE 16000	.3	14.3	47.9	57.2	64.4	71.2	71.4	74.9	75.2	75.7	75.7	75.7	75.7	75.7	75.7	75.9
GE 14000	.3	14.3	47.9	57.2	64.4	71.2	71.4	74.9	75.2	75.7	75.7	75.7	75.7	75.7	75.7	75.9
GE 12000	.3	15.0	50.9	70.7	71.9	74.7	74.9	78.4	78.7	79.2	79.2	79.2	79.2	79.2	79.2	79.4
GE 10000	.3	15.0	50.9	70.7	71.9	74.7	74.9	78.4	78.7	79.2	79.2	79.2	79.2	79.2	79.2	79.4
GE 9000	.3	15.0	50.9	70.7	71.9	74.7	74.9	78.4	78.7	79.2	79.2	79.2	79.2	79.2	79.2	79.4
GE 8000	.3	15.0	50.9	70.7	71.9	74.7	74.9	78.4	78.7	79.2	79.2	79.2	79.2	79.2	79.2	79.4
GE 7000	.3	15.0	50.9	70.7	71.9	74.7	74.9	78.4	78.7	79.2	79.2	79.2	79.2	79.2	79.2	79.4
GE 6000	.3	15.0	50.9	70.7	71.9	74.7	74.9	78.4	78.7	79.2	79.2	79.2	79.2	79.2	79.2	79.4
GE 5000	.3	25.1	60.9	80.7	82.3	84.7	85.0	88.5	88.7	89.2	89.2	89.2	89.2	89.2	89.2	89.5
GE 4500	.3	25.1	60.9	80.7	82.3	84.7	85.0	88.5	88.7	89.2	89.2	89.2	89.2	89.2	89.2	89.5
GE 4000	.3	25.1	60.9	80.7	82.3	84.7	85.0	88.5	88.7	89.2	89.2	89.2	89.2	89.2	89.2	89.5
GE 3500	.3	25.1	60.9	80.7	82.3	84.7	85.0	88.5	88.7	89.2	89.2	89.2	89.2	89.2	89.2	89.5
GE 3000	.3	25.1	60.9	80.7	82.3	84.7	85.0	88.5	88.7	89.2	89.2	89.2	89.2	89.2	89.2	89.5
GE 2500	.3	25.1	60.9	80.7	82.3	84.7	85.0	88.5	88.7	89.2	89.2	89.2	89.2	89.2	89.2	89.5
GE 2000	.3	25.1	60.9	80.7	82.3	84.7	85.0	88.7	89.0	89.7	89.7	89.7	89.7	89.7	89.7	90.0
GE 1800	.3	25.1	60.9	80.7	82.3	84.7	85.0	88.7	89.0	89.7	89.7	89.7	89.7	89.7	89.7	90.0
GE 1500	.3	25.6	61.4	81.2	82.5	85.2	85.5	89.2	89.7	90.2	90.2	90.2	90.2	90.2	90.2	90.5
GE 1200	.3	25.6	61.4	81.7	85.0	87.7	88.7	91.7	92.0	92.7	92.7	92.7	92.7	92.7	92.7	93.0
GE 1000	.3	26.8	63.4	85.5	86.7	89.5	89.7	93.5	93.7	94.5	94.5	94.5	94.5	94.5	94.5	94.7
GE 900	.3	26.8	63.4	85.5	86.7	89.5	89.7	93.5	93.7	94.5	94.5	94.5	94.5	94.5	94.5	94.7
GE 800	.3	26.8	63.7	85.7	87.3	89.7	90.0	93.7	94.0	94.7	94.7	94.7	94.7	94.7	94.7	95.0
GE 700	.3	26.8	63.7	85.7	87.3	89.7	90.0	93.7	94.0	94.7	94.7	94.7	94.7	94.7	94.7	95.0
GE 600	.3	26.8	65.4	87.7	89.0	91.7	92.0	95.7	95.0	95.7	95.7	95.7	95.7	95.7	95.7	96.0
GE 500	.3	26.8	65.4	89.0	90.2	93.0	93.2	97.0	97.2	98.0	98.0	98.0	98.0	98.0	98.0	98.2
GE 400	.3	26.8	65.4	89.0	90.2	93.0	93.2	97.0	97.2	98.0	98.0	98.0	98.0	98.0	98.0	98.2
GE 300	.3	26.8	65.4	89.0	90.2	93.0	93.2	97.0	97.2	98.0	98.0	98.0	98.0	98.0	98.0	98.2
GE 200	.3	26.8	65.4	89.0	90.2	93.0	93.2	97.0	97.2	98.0	98.0	98.0	98.0	98.0	98.0	98.2
GE 100	.3	26.8	65.4	89.0	90.2	93.0	93.2	97.0	97.2	98.0	98.0	98.0	98.0	98.0	98.0	98.2
GE 01	.3	26.8	65.4	89.0	90.2	93.0	93.2	97.0	97.2	98.0	98.0	98.0	98.0	98.0	98.0	98.2

TOTAL NUMBER OF OBSERVATIONS: 379

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 616410 STATION NAME: DAKAR SENEGAL

PERIOD OF RECORD: 75-85
MONTH: MAY HOURS (LST): 1800-2000

CEILING		VISIBILITY IN STATUTE MILES															
IN FEET	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 1/8	
NO CEILING		26.4	42.3	48.3	51.8	54.1	54.3	56.9	57.7	57.9	57.9	58.1	58.1	58.1	58.3	58.3	
GE 200001		30.5	49.4	58.3	61.6	64.0	64.2	67.3	68.1	68.3	68.3	68.5	68.5	68.5	68.7	68.7	
GE 180001		30.5	49.4	58.3	61.6	64.0	64.2	67.3	68.1	68.3	68.3	68.5	68.5	68.5	68.7	68.7	
GE 160001		30.5	49.4	58.3	61.6	64.0	64.2	67.3	68.1	68.3	68.3	68.5	68.5	68.5	68.7	68.7	
GE 140001		30.5	49.6	58.3	61.9	64.2	64.4	67.5	68.3	68.5	68.5	68.7	68.7	68.7	68.9	68.9	
GE 120001		33.5	55.9	56.3	69.7	72.8	73.2	77.0	77.8	78.0	78.0	78.3	78.3	78.3	78.5	78.5	
GE 100001		33.5	55.9	56.3	69.7	72.8	73.2	77.0	77.8	78.0	78.0	78.3	78.3	78.3	78.5	78.5	
GE 900001		33.5	55.9	56.3	69.7	72.8	73.2	77.0	77.8	78.0	78.0	78.3	78.3	78.3	78.5	78.5	
GE 800001		33.5	55.9	56.3	69.7	72.8	73.2	77.0	77.8	78.0	78.0	78.3	78.3	78.3	78.5	78.5	
GE 700001		33.5	55.9	56.3	69.7	72.8	73.2	77.0	77.8	78.0	78.0	78.3	78.3	78.3	78.5	78.5	
GE 600001		33.5	55.9	56.3	69.7	72.8	73.2	77.0	77.8	78.0	78.0	78.3	78.3	78.3	78.5	78.5	
GE 500001		51.6	74.0	84.3	87.8	90.9	91.3	95.1	95.9	95.1	95.1	96.3	95.3	95.3	95.5	95.5	
GE 450001		51.6	74.0	84.3	87.8	90.9	91.3	95.1	95.9	95.1	95.1	96.3	95.3	95.3	95.5	95.5	
GE 400001		51.6	74.0	84.3	87.8	90.9	91.3	95.1	95.9	95.1	95.1	96.3	95.3	95.3	95.5	95.5	
GE 350001		51.6	74.0	84.3	87.8	90.9	91.3	95.1	95.9	95.1	95.1	96.3	95.3	95.3	95.5	95.5	
GE 300001		51.6	74.0	84.3	87.8	90.9	91.3	95.1	95.9	95.1	95.1	96.3	95.3	95.3	95.5	95.5	
GE 250001		51.6	74.0	84.3	87.8	90.9	91.3	95.1	95.9	95.1	95.1	96.3	95.3	95.3	95.5	95.5	
GE 200001		51.6	74.0	84.3	87.8	90.9	91.3	95.1	95.9	95.1	95.1	96.3	95.3	95.3	95.5	95.5	
GE 180001		51.6	74.0	84.3	87.8	90.9	91.3	95.1	95.9	95.1	95.1	96.3	95.3	95.3	95.5	95.5	
GE 160001		51.6	74.0	84.3	87.8	90.9	91.3	95.1	95.9	95.1	95.1	96.3	95.3	95.3	95.5	95.5	
GE 140001		52.4	75.0	85.3	88.8	91.9	92.3	96.1	97.0	97.2	97.2	97.4	97.4	97.4	97.6	97.6	
GE 100001		53.5	76.8	87.2	90.7	93.7	94.1	98.0	98.8	99.0	99.0	99.2	99.2	99.2	99.3	100.0	
GE 900001		53.5	76.8	87.2	90.7	93.7	94.1	98.0	98.8	99.0	99.0	99.2	99.2	99.2	99.3	100.0	
GE 800001		53.5	76.8	87.2	90.7	93.7	94.1	98.0	98.8	99.0	99.0	99.2	99.2	99.2	99.3	100.0	
GE 700001		53.5	76.8	87.2	90.7	93.7	94.1	98.0	98.8	99.0	99.0	99.2	99.2	99.2	99.3	100.0	
GE 600001		53.5	76.8	87.2	90.7	93.7	94.1	98.0	98.8	99.0	99.0	99.2	99.2	99.2	99.3	100.0	
GE 500001		53.5	76.8	87.2	90.7	93.7	94.1	98.0	98.8	99.0	99.0	99.2	99.2	99.2	99.3	100.0	
GE 400001		53.5	76.8	87.2	90.7	93.7	94.1	98.0	98.8	99.0	99.0	99.2	99.2	99.2	99.3	100.0	
GE 300001		53.5	76.8	87.2	90.7	93.7	94.1	98.0	98.8	99.0	99.0	99.2	99.2	99.2	99.3	100.0	
GE 200001		53.5	76.8	87.2	90.7	93.7	94.1	98.0	98.8	99.0	99.0	99.2	99.2	99.2	99.3	100.0	
GE 100001		53.5	76.8	87.2	90.7	93.7	94.1	98.0	98.8	99.0	99.0	99.2	99.2	99.2	99.3	100.0	
GE 01		53.5	76.8	87.2	90.7	93.7	94.1	98.0	98.8	99.0	99.0	99.2	99.2	99.2	99.3	100.0	

TOTAL NUMBER OF OBSERVATIONS: 422

GLOBAL CLIMATOLOGY BRANCH
USAF/CIAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 615410 STATION NAME: DAKAR SENEGAL

PERIOD OF RECORD: 75-85
MONTH: MAY HOURS/STATION: 1500-1700

CEILING IN FEET	VISIBILITY IN STATUTE MILES														
	1	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16
NO CEIL	1		74.1	58.3	45.1	47.0	53.1	50.8	51.6	52.7	53.0	53.0	53.0	53.4	53.4
GE 20000			28.0	45.1	55.4	57.3	53.4	51.1	62.6	53.7	53.9	51.9	53.9	54.3	54.3
GE 18000			28.0	45.1	55.4	57.3	53.4	51.1	62.6	53.7	53.9	51.9	53.9	54.3	54.3
GE 16000			28.0	45.1	55.4	57.3	53.4	51.1	62.6	53.7	53.9	51.9	53.9	54.3	54.3
GE 14000			28.0	45.1	55.4	57.3	53.4	51.1	62.6	53.7	53.9	51.9	53.9	54.3	54.3
GE 12000			30.9	50.5	61.7	64.1	67.8	68.9	73.9	72.0	72.2	72.2	72.2	72.5	72.5
GE 10000			30.9	50.5	61.7	64.1	67.8	68.9	73.9	72.0	72.2	72.2	72.2	72.5	72.5
GE 9000			30.9	50.5	61.7	64.1	67.8	68.9	73.9	72.0	72.2	72.2	72.2	72.5	72.5
GE 8000			30.9	50.5	61.7	64.1	67.8	68.9	73.9	72.0	72.2	72.2	72.2	72.5	72.5
GE 7000			30.9	50.5	61.7	64.1	67.8	68.9	73.9	72.0	72.2	72.2	72.2	72.5	72.5
GE 6000			30.9	50.5	61.7	64.1	67.8	68.9	73.9	72.0	72.2	72.2	72.2	72.5	72.5
GE 5000			54.5	74.2	85.3	87.7	91.5	92.6	94.5	95.6	95.8	95.8	95.8	95.3	95.3
GE 4500			54.5	74.2	85.3	87.7	91.5	92.6	94.5	95.6	95.8	95.8	95.8	95.3	95.3
GE 4000			54.5	74.2	85.3	87.7	91.5	92.6	94.5	95.6	95.8	95.8	95.8	95.3	95.3
GE 3500			54.5	74.2	85.3	87.7	91.5	92.6	94.5	95.6	95.8	95.8	95.8	95.3	95.3
GE 3000			54.5	74.2	85.3	87.7	91.5	92.6	94.5	95.6	95.8	95.8	95.8	95.3	95.3
GE 2500			54.5	74.2	85.3	87.7	91.5	92.6	94.5	95.6	95.8	95.8	95.8	95.3	95.3
GE 2000			54.5	74.2	85.3	87.7	91.5	92.6	94.5	95.6	95.8	95.8	95.8	95.3	95.3
GE 1800			54.5	74.2	85.3	87.7	91.5	92.6	94.5	95.6	95.8	95.8	95.8	95.3	95.3
GE 1600			54.5	74.2	85.3	87.7	91.5	92.6	94.5	95.6	95.8	95.8	95.8	95.3	95.3
GE 1400			54.5	74.2	85.3	87.7	91.5	92.6	94.5	95.6	95.8	95.8	95.8	95.3	95.3
GE 1200			54.5	74.2	85.3	87.7	91.5	92.6	94.5	95.6	95.8	95.8	95.8	95.3	95.3
GE 1000			54.5	74.2	85.3	87.7	91.5	92.6	94.5	95.6	95.8	95.8	95.8	95.3	95.3
GE 900			54.5	74.2	85.3	87.7	91.5	92.6	94.5	95.6	95.8	95.8	95.8	95.3	95.3
GE 800			54.5	74.2	85.3	87.7	91.5	92.6	94.5	95.6	95.8	95.8	95.8	95.3	95.3
GE 700			54.5	74.2	85.3	87.7	91.5	92.6	94.5	95.6	95.8	95.8	95.8	95.3	95.3
GE 600			54.5	74.2	85.3	87.7	91.5	92.6	94.5	95.6	95.8	95.8	95.8	95.3	95.3
GE 500			54.5	74.2	85.3	87.7	91.5	92.6	94.5	95.6	95.8	95.8	95.8	95.3	95.3
GE 400			54.5	74.2	85.3	87.7	91.5	92.6	94.5	95.6	95.8	95.8	95.8	95.3	95.3
GE 300			54.5	74.2	85.3	87.7	91.5	92.6	94.5	95.6	95.8	95.8	95.8	95.3	95.3
GE 200			54.5	74.2	85.3	87.7	91.5	92.6	94.5	95.6	95.8	95.8	95.8	95.3	95.3
GE 100			54.5	74.2	85.3	87.7	91.5	92.6	94.5	95.6	95.8	95.8	95.8	95.3	95.3
GE 0			54.5	74.2	85.3	87.7	91.5	92.6	94.5	95.6	95.8	95.8	95.8	95.3	95.3

TOTAL NUMBER OF OBSERVATIONS: 457

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 615413 STATION NAME: DAKAR SENEGAL

PERIOD OF RECORD: 75-85
MONTH: MAY HOURS(EST): 1700-1400

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	1	1 1/2	2	2 1/2	3	4	5	6	7	8	9	10	11	12	13	14
NO CEIL	1															
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000																
GE 4500																
GE 4000																
GE 3500																
GE 3000																
GE 2500																
GE 2000																
GE 1800																
GE 1500																
GE 1200																
GE 1000																
GE 900																
GE 800																
GE 700																
GE 600																
GE 500																
GE 400																
GE 300																
GE 200																
GE 100																
GE 01																

TOTAL NUMBER OF OBSERVATIONS: 442

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 616410 STATION NAME: DAKAR SENEGAL

PERIOD OF RECORD: 75-85
MONTH: MAY HOURS(EST): 0900-1100

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	1 10	6 6	5 5	4 4	3 3	2 1/2 2 1/2	2 2	1 1/2 1 1/2	1 1/4 1 1/4	1 1	3/4 3/4	5/8 5/8	1/2 1/2	5/16 5/16	1/4 1/4	0 0
NO CEIL		19.1	37.7	46.7	48.5	50.6	51.0	52.2	52.6	53.1	53.3	53.3	53.5	53.5	53.5	53.5
GE 20000		23.9	43.2	54.3	56.3	59.1	59.8	61.1	61.8	62.5	62.8	62.8	63.0	63.0	63.0	63.0
GE 18000		20.9	43.2	54.3	56.3	59.1	59.8	61.1	61.8	62.5	62.8	62.8	63.0	63.0	63.0	63.0
GE 16000		21.1	43.4	54.3	56.6	59.3	60.0	61.4	62.1	62.8	63.0	63.0	63.2	63.2	63.2	63.2
GE 14000		21.1	43.7	54.5	56.9	59.9	60.5	61.9	62.5	63.2	63.4	63.4	63.7	63.7	63.7	63.7
GE 12000		25.1	51.3	56.2	58.5	61.5	72.2	73.8	74.5	75.2	75.4	75.4	75.5	75.5	75.5	75.5
GE 10000		25.1	51.3	56.2	58.5	61.5	72.2	73.8	74.5	75.2	75.4	75.4	75.5	75.5	75.5	75.5
GE 9000		25.1	51.3	56.2	58.5	61.5	72.2	73.8	74.5	75.2	75.4	75.4	75.5	75.5	75.5	75.5
GE 8000		25.1	51.3	56.2	58.5	61.5	72.2	73.8	74.5	75.2	75.4	75.4	75.5	75.5	75.5	75.5
GE 7000		25.1	51.3	56.2	58.5	61.5	72.2	73.8	74.5	75.2	75.4	75.4	75.5	75.5	75.5	75.5
GE 6000		25.1	51.3	56.2	58.5	61.5	72.2	73.8	74.5	75.2	75.4	75.4	75.5	75.5	75.5	75.5
GE 5000		44.6	70.8	85.7	88.0	91.0	91.7	93.3	94.0	94.7	94.9	94.9	95.2	95.2	95.2	95.2
GE 4500		44.6	70.8	85.7	88.0	91.0	91.7	93.3	94.0	94.7	94.9	94.9	95.2	95.2	95.2	95.2
GE 4000		44.6	70.8	85.7	88.0	91.0	91.7	93.3	94.0	94.7	94.9	94.9	95.2	95.2	95.2	95.2
GE 3500		44.6	70.8	85.7	88.0	91.0	91.7	93.3	94.0	94.7	94.9	94.9	95.2	95.2	95.2	95.2
GE 3000		44.6	70.8	85.7	88.0	91.0	91.7	93.3	94.0	94.7	94.9	94.9	95.2	95.2	95.2	95.2
GE 2500		44.6	70.8	85.7	88.0	91.0	91.7	93.3	94.0	94.7	94.9	94.9	95.2	95.2	95.2	95.2
GE 2000		44.6	70.8	85.7	88.0	91.0	91.7	93.3	94.0	94.7	94.9	94.9	95.2	95.2	95.2	95.2
GE 1800		44.6	70.8	85.7	88.0	91.0	91.7	93.3	94.0	94.7	94.9	94.9	95.2	95.2	95.2	95.2
GE 1600		45.3	71.7	86.7	89.0	92.0	92.5	94.3	94.9	95.6	95.9	95.9	96.1	96.1	96.1	96.1
GE 1500		45.5	72.6	87.5	89.7	92.9	93.6	95.2	95.9	96.6	96.8	96.8	97.0	97.0	97.0	97.0
GE 1000		46.0	73.6	88.7	91.0	94.0	94.7	96.3	97.0	97.7	97.9	97.9	98.2	98.2	98.2	98.2
GE 900		46.0	73.6	88.7	91.0	94.0	94.7	96.3	97.0	97.7	97.9	97.9	98.2	98.2	98.2	98.2
GE 800		46.0	74.5	89.7	92.2	95.2	95.9	97.5	98.2	98.9	99.1	99.1	99.3	99.3	99.3	99.3
GE 700		46.0	74.5	89.7	92.2	95.2	95.9	97.5	98.2	98.9	99.1	99.1	99.3	99.3	99.3	99.3
GE 600		46.4	74.9	90.1	92.5	95.6	96.3	97.9	98.6	99.3	99.5	99.5	99.8	99.8	99.8	99.8
GE 500		46.4	74.9	90.1	92.5	95.6	96.3	97.9	98.6	99.3	99.5	99.5	99.8	99.8	99.8	99.8
GE 400		46.4	74.9	90.1	92.5	95.6	96.3	97.9	98.6	99.3	99.5	99.5	99.8	99.8	99.8	99.8
GE 300		46.4	74.9	90.1	92.5	95.6	96.3	97.9	98.6	99.3	99.5	99.5	99.8	99.8	99.8	99.8
GE 200		46.4	74.9	90.1	92.5	95.6	96.3	97.9	98.6	99.3	99.5	99.5	99.8	99.8	99.8	99.8
GE 100		46.4	74.9	90.1	92.5	95.6	96.3	97.9	98.6	99.3	99.5	99.5	99.8	99.8	99.8	99.8
GE 0		46.4	74.9	90.1	92.5	95.6	96.3	97.9	98.6	99.3	99.5	99.5	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS: 435

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 616417 STATION NAME: DAKAR SENEGAL

PERIOD OF RECORD: 75-95
MONTH: MAY HOURS(LEIST): 0600-2300

CEILING		VISIBILITY IN STATUTE MILES															
IN FEET		GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 1/8
NO CEIL	1		9.6	40.3	55.3	55.6	59.3	59.3	63.3	50.7	67.7	50.9	50.9	61.1	51.1	61.1	51.1
GE 20000			10.6	45.0	60.3	62.4	66.5	55.5	67.5	57.9	67.9	68.1	68.1	69.3	68.3	69.3	53.3
GE 18000			10.6	45.0	60.3	62.4	66.5	55.5	67.5	57.9	67.9	59.1	68.1	53.3	53.3	63.3	53.3
GE 16000			10.6	45.0	60.3	62.4	66.5	56.5	67.5	57.9	67.9	68.1	68.1	53.3	63.3	69.3	53.3
GE 14000			10.6	45.6	50.9	63.0	67.1	67.1	69.1	58.5	68.5	68.7	68.7	69.9	59.9	69.9	53.9
GE 12000	.2		11.9	53.4	73.3	75.7	80.6	80.6	81.8	82.2	82.2	82.4	82.4	82.5	82.5	82.5	82.5
GE 10000	.2	11.9	53.4	73.3	75.7	80.6	80.6	80.6	81.8	82.2	82.2	82.4	82.4	82.6	82.6	82.6	82.6
GE 9000	.2	11.9	53.4	73.3	75.7	80.6	80.6	80.6	81.8	82.2	82.2	82.4	82.4	82.6	82.6	82.6	82.6
GE 8000	.2	11.9	53.4	73.3	75.7	80.6	80.6	80.6	81.8	82.2	82.2	82.4	82.4	82.6	82.6	82.6	82.6
GE 7000	.2	11.9	53.4	73.3	75.7	80.6	80.6	80.6	81.8	82.2	82.2	82.4	82.4	82.6	82.6	82.6	82.6
GE 6000	.2	11.9	53.4	73.3	75.7	80.6	80.6	80.6	81.8	82.2	82.2	82.4	82.4	82.6	82.6	82.6	82.6
GE 5000	.2	22.3	63.8	83.4	86.1	91.0	91.0	91.0	92.2	92.6	92.6	92.8	92.8	93.0	93.0	93.0	93.0
GE 4500	.2	22.3	63.8	83.4	86.1	91.0	91.0	91.0	92.2	92.6	92.6	92.8	92.8	93.0	93.0	93.0	93.0
GE 4000	.2	22.3	63.8	83.4	86.1	91.0	91.0	91.0	92.2	92.6	92.6	92.8	92.8	93.0	93.0	93.0	93.0
GE 3500	.2	22.3	63.8	83.4	86.1	91.0	91.0	91.0	92.2	92.6	92.6	92.8	92.8	93.0	93.0	93.0	93.0
GE 3000	.2	22.3	63.8	83.4	86.1	91.0	91.0	91.0	92.2	92.6	92.6	92.8	92.8	93.0	93.0	93.0	93.0
GE 2500	.2	22.3	63.8	83.4	86.1	91.0	91.0	91.0	92.2	92.6	92.6	92.8	92.8	93.0	93.0	93.0	93.0
GE 2000	.2	22.3	63.8	83.4	86.1	91.0	91.0	91.0	92.2	92.6	92.6	92.8	92.8	93.0	93.0	93.0	93.0
GE 1800	.2	22.3	63.8	83.4	86.1	91.0	91.0	91.0	92.2	92.6	92.6	92.8	92.8	93.0	93.0	93.0	93.0
GE 1600	.2	22.3	63.8	83.4	86.1	91.0	91.0	91.0	92.2	92.6	92.6	92.8	92.8	93.0	93.0	93.0	93.0
GE 1500	.2	22.3	63.8	83.4	86.1	91.0	91.0	91.0	92.2	92.6	92.6	92.8	92.8	93.0	93.0	93.0	93.0
GE 1200	.2	22.3	65.4	95.1	87.7	92.6	92.6	93.9	94.3	94.3	94.5	94.5	94.5	94.7	94.7	94.7	94.7
GE 1000	.2	22.3	66.5	86.3	89.0	94.1	94.1	94.1	95.3	95.7	95.7	95.9	95.9	95.1	95.1	95.1	95.1
GE 900	.2	22.3	66.7	86.3	89.2	94.3	94.3	94.3	95.5	95.9	95.9	96.1	96.1	95.3	95.3	95.3	95.3
GE 800	.2	22.3	67.7	87.9	90.9	96.1	96.1	96.1	97.3	97.8	97.8	98.0	98.0	98.2	98.2	98.2	98.2
GE 700	.2	22.3	68.1	88.3	91.2	95.5	95.5	95.5	97.8	98.2	98.2	98.4	98.4	98.6	98.6	98.6	98.6
GE 600	.2	22.5	69.1	89.5	92.4	97.8	97.8	97.8	99.0	99.4	99.4	99.6	99.6	99.8	99.8	99.8	99.8
GE 500	.2	22.5	69.1	89.3	92.6	98.0	98.0	98.0	99.2	99.6	99.6	99.8	99.8	100.0	100.0	100.0	100.0
GE 400	.2	22.5	69.1	89.3	92.6	98.0	98.0	98.0	99.2	99.6	99.6	99.8	99.8	100.0	100.0	100.0	100.0
GE 300	.2	22.5	69.1	89.3	92.6	98.0	98.0	98.0	99.2	99.6	99.6	99.8	99.8	100.0	100.0	100.0	100.0
GE 200	.2	22.5	69.1	89.3	92.6	98.0	98.0	98.0	99.2	99.6	99.6	99.8	99.8	100.0	100.0	100.0	100.0
GE 100	.2	22.5	69.1	89.3	92.6	98.0	98.0	98.0	99.2	99.6	99.6	99.8	99.8	100.0	100.0	100.0	100.0
GE 01	.2	22.5	69.1	89.3	92.6	98.0	98.0	98.0	99.2	99.6	99.6	99.8	99.8	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 439

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 616410 STATION NAME: DAKAR SENEGAL

PERIOD OF RECORD: 75-85
MONTH: MAY HOURS(IST): 0300-2300

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	.2	7.1	39.2	57.7	59.9	63.3	63.6	64.9	65.4	65.6	65.6	65.6	65.3	65.3	65.8	65.3
GE 20000	.2	7.3	41.9	61.3	63.3	67.0	67.2	68.6	69.0	69.2	69.2	69.2	69.2	69.5	69.5	69.5
GE 18000	.2	7.3	41.9	61.3	63.3	67.0	67.2	68.6	69.0	69.2	69.2	69.2	69.2	69.5	69.5	69.5
GE 16000	.2	7.3	41.9	61.3	63.3	67.0	67.2	68.6	69.0	69.2	69.2	69.2	69.2	69.5	69.5	69.5
GE 14000	.2	7.3	42.1	61.7	63.9	67.4	67.7	69.0	69.5	69.7	69.7	69.7	69.7	69.9	69.9	69.9
GE 12000	.2	8.4	47.4	70.3	73.6	77.4	77.7	79.0	79.5	79.7	79.7	79.7	80.0	80.0	80.0	80.0
GE 10000	.2	8.4	47.6	71.1	73.8	77.7	77.9	79.3	79.7	80.0	80.0	80.0	80.0	80.2	80.2	80.2
GE 9000	.2	8.4	47.6	71.1	73.8	77.7	77.9	79.3	79.7	80.0	80.0	80.0	80.0	80.2	80.2	80.2
GE 8000	.2	8.4	47.6	71.1	73.8	77.7	77.9	79.3	79.7	80.0	80.0	80.0	80.0	80.2	80.2	80.2
GE 7000	.2	8.4	47.6	71.1	73.8	77.7	77.9	79.3	79.7	80.0	80.0	80.0	80.0	80.2	80.2	80.2
GE 6000	.2	8.4	47.6	71.1	73.8	77.7	77.9	79.3	79.7	80.0	80.0	80.0	80.0	80.2	80.2	80.2
GE 5000	.2	21.9	61.0	84.3	87.2	91.1	91.3	92.7	93.2	93.4	93.4	93.4	93.6	93.6	93.6	93.6
GE 4500	.2	21.9	61.0	84.3	87.2	91.1	91.3	92.7	93.2	93.4	93.4	93.4	93.6	93.6	93.6	93.6
GE 4000	.2	21.9	61.0	84.3	87.2	91.1	91.3	92.7	93.2	93.4	93.4	93.4	93.6	93.6	93.6	93.6
GE 3500	.2	21.9	61.0	84.3	87.2	91.1	91.3	92.7	93.2	93.4	93.4	93.4	93.6	93.6	93.6	93.6
GE 3000	.2	21.9	61.0	84.3	87.2	91.1	91.3	92.7	93.2	93.4	93.4	93.4	93.6	93.6	93.6	93.6
GE 2500	.2	21.9	61.0	84.3	87.2	91.1	91.3	92.7	93.2	93.4	93.4	93.4	93.6	93.6	93.6	93.6
GE 2000	.2	21.9	61.0	84.3	87.2	91.1	91.3	92.7	93.2	93.4	93.4	93.4	93.6	93.6	93.6	93.6
GE 1800	.2	21.9	61.0	84.3	87.2	91.1	91.3	92.7	93.2	93.4	93.4	93.4	93.6	93.6	93.6	93.6
GE 1500	.2	21.9	61.0	84.3	87.2	91.1	91.3	92.7	93.2	93.4	93.4	93.4	93.6	93.6	93.6	93.6
GE 1200	.2	21.9	62.0	85.4	88.2	92.0	92.3	93.6	94.1	94.3	94.3	94.3	94.5	94.5	94.5	94.5
GE 1000	.2	21.9	63.1	86.3	89.5	93.4	93.6	95.0	95.4	95.7	95.7	95.7	95.9	95.9	95.9	95.9
GE 900	.2	21.9	63.1	86.3	89.5	93.4	93.6	95.0	95.4	95.7	95.7	95.7	95.9	95.9	95.9	95.9
GE 800	.2	21.9	64.0	87.7	90.4	94.3	94.5	95.9	96.4	96.6	96.6	96.6	96.8	96.8	96.8	96.8
GE 700	.2	21.9	64.5	88.2	90.9	94.8	95.0	96.4	96.8	97.0	97.0	97.0	97.3	97.3	97.3	97.3
GE 600	.2	21.9	65.8	89.7	92.5	96.4	96.6	97.9	98.4	98.6	98.6	98.6	98.9	98.9	98.9	98.9
GE 500	.2	21.9	65.8	90.2	92.9	96.8	97.0	98.9	99.3	99.5	99.5	99.5	99.8	99.8	99.8	99.8
GE 400	.2	21.9	65.8	90.2	92.9	96.8	97.0	98.9	99.3	99.5	99.5	99.5	99.8	99.8	99.8	99.8
GE 300	.2	21.9	65.8	90.2	92.9	96.8	97.0	98.9	99.3	99.5	99.5	99.5	99.8	99.8	99.8	99.8
GE 200	.2	21.9	65.8	90.2	92.9	96.8	97.0	98.9	99.3	99.5	99.5	99.5	99.8	99.8	99.8	99.8
GE 100	.2	21.9	65.8	90.2	92.9	96.8	97.0	98.9	99.3	99.5	99.5	99.5	99.8	99.8	99.8	99.8
GE 0	.2	21.9	65.8	90.2	92.9	96.8	97.0	98.9	99.3	99.5	99.5	99.5	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS: 439

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 616410 STATION NAME: DAKAR SENEGAL

PERIOD OF RECORD: 75-85
MONTH: MAY HOURS(UT): 0000-2300

CEILING IN FEET	VISIBILITY IN STATUTE MILES																	
	1	1 1/2	2	2 1/2	3	3 1/2	4	5	6	7	8	9	10	11	12	13	14	15
NO CEIL																		
GE 20000																		
GE 18000																		
GE 16000																		
GE 14000																		
GE 12000																		
GE 10000																		
GE 9000																		
GE 8000																		
GE 7000																		
GE 6000																		
GE 5000																		
GE 4500																		
GE 4000																		
GE 3500																		
GE 3000																		
GE 2500																		
GE 2000																		
GE 1800																		
GE 1500																		
GE 1200																		
GE 1000																		
GE 900																		
GE 800																		
GE 700																		
GE 600																		
GE 500																		
GE 400																		
GE 300																		
GE 200																		
GE 100																		
GE 0																		

TOTAL NUMBER OF OBSERVATIONS: 530

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 616417 STATION NAME: DAKAR SENEGAL

PERIOD OF RECORD: 75-85
MONTH: APR HOURS(EST): ALL

CEILING IN FEET	1	VISIBILITY IN STATUTE MILES										1	1 1/4	1 1/2	1 3/4	2	2 1/2	3	4	5	6	10
		1	1 1/4	1 1/2	1 3/4	2	2 1/2	3	4	5	6											
NO CEIL	1	0.0	21.6	44.9	57.7	58.7	61.3	61.4	64.7	65.4	65.8	65.9	65.9	65.2	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5
GE 20000	1	0.1	25.3	51.5	65.3	66.8	69.5	69.5	73.1	73.8	74.1	74.2	74.3	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
GE 18000	1	0.1	25.3	51.5	65.3	66.8	69.5	69.5	73.1	73.8	74.1	74.2	74.3	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
GE 16000	1	0.1	25.3	51.5	65.3	66.8	69.5	69.5	73.1	73.8	74.1	74.2	74.3	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
GE 14000	1	0.1	25.5	51.8	66.3	67.1	69.8	69.9	73.3	74.1	74.4	74.5	74.6	74.9	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
GE 12000	1	0.1	27.0	54.9	69.7	70.9	73.8	73.9	77.3	78.1	78.4	78.5	78.6	78.9	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
GE 10000	1	0.1	27.1	54.9	69.3	71.3	73.9	74.0	77.4	78.2	78.5	78.5	78.6	78.9	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
GE 9000	1	0.1	27.1	54.9	69.3	71.3	73.9	74.0	77.4	78.2	78.5	78.5	78.6	78.9	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
GE 8000	1	0.1	27.1	54.9	69.3	71.3	73.9	74.0	77.4	78.2	78.5	78.5	78.6	78.9	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
GE 7000	1	0.1	27.1	54.9	69.3	71.3	73.9	74.0	77.4	78.2	78.5	78.5	78.6	78.9	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
GE 6000	1	0.1	27.1	54.9	69.3	71.3	73.9	74.0	77.4	78.2	78.5	78.5	78.6	78.9	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
GE 5000	1	0.1	41.7	69.5	84.4	85.6	88.5	88.6	92.0	92.8	93.1	93.1	93.2	93.5	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
GE 4500	1	0.1	41.7	69.5	84.4	85.6	88.5	88.5	92.0	92.8	93.1	93.1	93.2	93.5	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
GE 4000	1	0.1	41.7	69.5	84.4	85.6	88.5	88.5	92.0	92.8	93.1	93.1	93.2	93.5	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
GE 3500	1	0.1	41.7	69.5	84.4	85.6	88.5	88.5	92.0	92.8	93.1	93.1	93.2	93.5	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
GE 3000	1	0.1	41.7	69.5	84.4	85.6	88.5	88.5	92.0	92.8	93.1	93.1	93.2	93.5	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
GE 2500	1	0.1	41.7	69.5	84.4	85.6	88.5	88.5	92.0	92.8	93.1	93.2	93.3	93.5	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
GE 2000	1	0.1	41.7	69.7	84.5	85.9	88.8	89.9	92.3	93.1	93.4	93.5	93.6	93.8	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
GE 1800	1	0.1	41.7	69.7	84.5	85.9	88.8	89.9	92.3	93.1	93.4	93.5	93.6	93.8	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
GE 1500	1	0.1	41.9	69.9	84.7	86.2	89.2	89.3	92.7	93.5	93.8	93.9	94.0	94.2	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
GE 1200	1	0.1	42.4	71.0	86.3	87.9	90.8	90.9	94.4	95.2	95.5	95.6	95.7	95.9	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
GE 1000	1	0.1	43.1	72.1	87.9	89.2	92.2	92.2	95.7	96.5	96.8	96.9	97.0	97.3	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 900	1	0.1	43.1	72.1	87.9	89.2	92.2	92.2	95.7	96.5	96.8	96.9	97.0	97.3	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 800	1	0.1	43.1	72.3	88.2	89.5	92.5	92.5	96.1	96.9	97.2	97.3	97.4	97.5	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 700	1	0.1	43.1	72.4	88.3	89.6	92.5	92.7	96.2	97.0	97.3	97.4	97.5	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 600	1	0.1	43.3	73.1	89.2	90.5	93.5	93.5	97.1	97.9	98.2	98.3	98.4	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 500	1	0.1	43.3	73.1	89.3	90.8	93.9	94.0	97.5	98.3	98.7	98.7	98.9	99.1	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 400	1	0.1	43.3	73.1	89.3	90.9	93.9	94.0	97.6	98.4	98.8	98.9	99.0	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 300	1	0.1	43.3	73.1	89.3	90.9	94.0	94.1	97.7	98.5	98.9	99.0	99.1	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 200	1	0.1	43.3	73.1	89.3	90.9	94.0	94.1	97.7	98.5	98.9	99.0	99.1	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 100	1	0.1	43.3	73.1	89.3	90.9	94.0	94.1	97.7	98.5	98.9	99.0	99.1	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 0	1	0.1	43.3	73.1	89.3	90.9	94.0	94.1	97.7	98.5	98.9	99.0	99.1	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS: 3537

GLOBAL CLIMATOLOGY BRANCH
USAF/ETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 615410 STATION NAME: DAKAR SENEGAL

PERIOD OF RECORD: 75-85
MONTH: APR 400RSLS11: 2100-2500

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 1	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4
NO CEIL			16.7	44.8	56.9	57.6	59.6	59.5	63.3	53.3	64.3	64.3	64.5	64.5	64.5	64.5
GE 20000			19.2	51.5	54.3	65.5	67.5	67.5	71.4	71.4	72.4	72.4	72.7	72.7	72.9	72.9
GE 18000			19.2	51.5	64.3	65.5	67.5	67.5	71.4	71.4	72.4	72.4	72.7	72.7	72.9	72.9
GE 16000			19.2	51.5	64.3	65.5	67.5	67.5	71.4	71.4	72.4	72.4	72.7	72.7	72.9	72.9
GE 14000	.2		19.7	52.2	65.5	66.3	68.2	68.2	72.2	72.2	73.2	73.2	73.4	73.5	73.5	73.5
GE 12000	.2		20.7	54.7	68.7	69.5	71.4	71.4	75.4	75.4	76.4	76.4	76.6	76.6	76.9	76.9
GE 10000	.2	20.7	54.7	68.7	69.5	71.4	71.4	71.4	75.4	75.4	76.4	76.4	76.6	76.6	76.9	76.9
GE 9000	.2	20.7	54.7	68.7	69.5	71.4	71.4	71.4	75.4	75.4	76.4	76.4	76.6	76.6	76.9	76.9
GE 8000	.2	20.7	54.7	68.7	69.5	71.4	71.4	71.4	75.4	75.4	76.4	76.4	76.6	76.6	76.9	76.9
GE 7000	.2	20.7	54.7	68.7	69.5	71.4	71.4	71.4	75.4	75.4	76.4	76.4	76.6	76.6	76.9	76.9
GE 6000	.2	20.7	54.7	68.7	69.5	71.4	71.4	71.4	75.4	75.4	76.4	76.4	76.6	76.6	76.9	76.9
GE 5000	.2	38.7	72.7	95.7	87.4	89.4	89.4	89.4	93.3	93.3	94.3	94.3	94.5	94.5	94.8	94.8
GE 4500	.2	38.7	72.7	96.7	87.4	89.4	89.4	89.4	93.3	93.3	94.3	94.3	94.5	94.5	94.8	94.8
GE 4000	.2	38.7	72.7	96.7	87.4	89.4	89.4	89.4	93.3	93.3	94.3	94.3	94.5	94.5	94.8	94.8
GE 3500	.2	38.7	72.7	96.7	87.4	89.4	89.4	89.4	93.3	93.3	94.3	94.3	94.5	94.5	94.8	94.8
GE 3000	.2	38.7	72.7	96.7	87.4	89.4	89.4	89.4	93.3	93.3	94.3	94.3	94.5	94.5	94.8	94.8
GE 2500	.2	38.7	72.7	96.7	87.4	89.4	89.4	89.4	93.3	93.3	94.3	94.3	94.5	94.5	94.8	94.8
GE 2000	.2	38.7	72.7	96.7	87.4	89.4	89.4	89.4	93.3	93.3	94.3	94.3	94.5	94.5	94.8	94.8
GE 1800	.2	38.7	72.7	96.7	87.4	89.4	89.4	89.4	93.3	93.3	94.3	94.3	94.5	94.5	94.8	94.8
GE 1500	.2	38.7	72.7	96.7	87.4	89.4	89.4	89.4	93.3	93.3	94.3	94.3	94.5	94.5	94.8	94.8
GE 1200	.2	38.9	74.4	99.4	90.1	92.1	92.1	92.1	96.1	96.1	97.0	97.0	97.3	97.3	97.5	97.5
GE 1000	.2	39.2	75.4	93.4	91.1	93.1	93.1	93.1	97.0	97.0	98.3	98.3	98.5	98.5	98.8	98.8
GE 900	.2	39.2	75.4	93.4	91.1	93.1	93.1	93.1	97.0	97.0	98.3	98.3	98.5	98.5	98.8	98.8
GE 800	.2	39.2	75.6	90.5	91.4	93.3	93.3	93.3	97.3	97.3	98.5	98.5	98.8	98.8	99.3	99.3
GE 700	.2	39.2	75.6	93.5	91.4	93.3	93.3	93.3	97.3	97.3	98.5	98.5	98.8	98.8	99.3	99.3
GE 600	.2	39.4	76.4	91.4	92.1	94.1	94.1	94.1	98.0	98.3	99.3	99.3	99.5	99.5	99.8	99.8
GE 500	.2	39.4	76.4	91.4	92.1	94.1	94.1	94.1	98.0	98.3	99.3	99.3	99.5	99.5	99.8	99.8
GE 400	.2	39.4	76.4	91.4	92.1	94.1	94.1	94.1	98.0	98.3	99.3	99.3	99.5	99.5	99.8	99.8
GE 300	.2	39.4	76.4	91.4	92.1	94.1	94.1	94.1	98.0	98.3	99.3	99.3	99.5	99.5	99.8	99.8
GE 200	.2	39.4	76.4	91.4	92.1	94.1	94.1	94.1	98.0	98.3	99.3	99.3	99.5	99.5	99.8	99.8
GE 100	.2	39.4	76.4	91.4	92.1	94.1	94.1	94.1	98.0	98.3	99.3	99.3	99.5	99.5	99.8	99.8
GE 01	.2	39.4	76.4	91.4	92.1	94.1	94.1	94.1	98.0	98.3	99.3	99.3	99.5	99.5	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS: 436

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 616410 STATION NAME: DAKAR SENEGAL

PERIOD OF RECORD: 75-85
MONTH: APR HOURS(LOCAL): 1800-2100

CEILINGS IN FEET	1 10	GE 0	GE 5	GE 4	GE 3	GE 2	GE 1 1/2	VISIBILITY IN STATUTE MILES									
								GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 3
NO CEIL		33.9	45.9	53.7	54.8	57.4	57.6	61.1	62.2	62.2	62.2	62.2	62.4	63.0	63.7	63.7	63.7
GE 20000		38.9	56.3	66.1	67.2	73.2	73.4	74.1	75.2	75.2	75.2	75.2	75.4	75.1	75.7	75.7	75.7
GE 18000		38.9	56.3	66.1	67.2	73.2	73.4	74.1	75.2	75.2	75.2	75.2	75.4	75.1	75.7	75.7	75.7
GE 16000		38.9	56.3	66.1	67.2	73.2	73.4	74.1	75.2	75.2	75.2	75.2	75.4	75.1	75.7	75.7	75.7
GE 14000		38.9	56.3	66.1	67.2	73.2	73.4	74.1	75.2	75.2	75.2	75.2	75.4	75.1	75.7	75.7	75.7
GE 12000		41.5	59.8	70.2	71.5	75.2	75.4	79.1	80.2	80.2	80.2	80.2	80.4	81.1	81.7	81.7	81.7
GE 10000		41.5	59.8	70.2	71.5	75.2	75.4	79.1	80.2	80.2	80.2	80.2	80.4	81.1	81.7	81.7	81.7
GE 9000		41.5	59.8	70.2	71.5	75.2	75.4	79.1	80.2	80.2	80.2	80.2	80.4	81.1	81.7	81.7	81.7
GE 8000		41.5	59.8	70.2	71.5	75.2	75.4	79.1	80.2	80.2	80.2	80.2	80.4	81.1	81.7	81.7	81.7
GE 7000		41.5	59.8	70.2	71.5	75.2	75.4	79.1	80.2	80.2	80.2	80.2	80.4	81.1	81.7	81.7	81.7
GE 6000		41.5	59.8	70.2	71.5	75.2	75.4	79.1	80.2	80.2	80.2	80.2	80.4	81.1	81.7	81.7	81.7
GE 5000		56.5	74.8	85.2	86.5	90.2	90.4	94.1	95.2	95.2	95.2	95.2	95.4	95.1	95.7	95.7	95.7
GE 4500		56.5	74.8	85.2	86.5	90.2	90.4	94.1	95.2	95.2	95.2	95.2	95.4	95.1	95.7	95.7	95.7
GE 4000		56.5	74.8	85.2	86.5	90.2	90.4	94.1	95.2	95.2	95.2	95.2	95.4	95.1	95.7	95.7	95.7
GE 3500		56.5	74.8	85.2	86.5	90.2	90.4	94.1	95.2	95.2	95.2	95.2	95.4	95.1	95.7	95.7	95.7
GE 3000		56.5	74.8	85.2	86.5	90.2	90.4	94.1	95.2	95.2	95.2	95.2	95.4	95.1	95.7	95.7	95.7
GE 2500		56.5	74.8	85.2	86.5	90.2	90.4	94.1	95.2	95.2	95.2	95.2	95.4	95.1	95.7	95.7	95.7
GE 2000		56.5	74.8	85.2	86.5	90.2	90.4	94.1	95.2	95.2	95.2	95.2	95.4	95.1	95.7	95.7	95.7
GE 1800		56.5	74.8	85.2	86.5	90.2	90.4	94.1	95.2	95.2	95.2	95.2	95.4	95.1	95.7	95.7	95.7
GE 1500		56.5	74.8	85.2	86.5	90.2	90.4	94.1	95.2	95.2	95.2	95.2	95.4	95.1	95.7	95.7	95.7
GE 1200		57.2	75.7	86.5	87.8	91.5	91.7	95.4	95.5	95.5	95.5	95.5	95.7	96.7	97.4	98.0	98.0
GE 1000		57.8	76.3	87.2	88.5	92.2	92.4	96.1	97.2	97.2	97.2	97.2	97.4	98.0	98.7	99.3	99.3
GE 900		57.8	76.3	87.2	88.5	92.2	92.4	96.1	97.2	97.2	97.2	97.2	97.4	98.0	98.7	99.3	99.3
GE 800		58.0	76.5	87.4	88.7	92.4	92.6	96.3	97.4	97.4	97.4	97.4	97.6	98.3	98.9	99.5	99.5
GE 700		58.0	76.5	87.4	88.7	92.4	92.6	96.3	97.4	97.4	97.4	97.4	97.6	98.3	98.9	99.5	99.5
GE 600		58.5	77.4	88.3	89.6	93.3	93.5	97.2	98.3	98.3	98.3	98.3	98.5	99.1	99.8	100.0	100.0
GE 500		58.5	77.4	88.3	89.6	93.3	93.5	97.2	98.3	98.3	98.3	98.3	98.5	99.1	99.8	100.0	100.0
GE 400		58.5	77.4	88.3	89.6	93.3	93.5	97.2	98.3	98.3	98.3	98.3	98.5	99.1	99.8	100.0	100.0
GE 300		58.5	77.4	88.3	89.6	93.3	93.5	97.2	98.3	98.3	98.3	98.3	98.5	99.1	99.8	100.0	100.0
GE 200		58.5	77.4	88.3	89.6	93.3	93.5	97.2	98.3	98.3	98.3	98.3	98.5	99.1	99.8	100.0	100.0
GE 100		58.5	77.4	88.3	89.6	93.3	93.5	97.2	98.3	98.3	98.3	98.3	98.5	99.1	99.8	100.0	100.0
GE 0		58.5	77.4	88.3	89.6	93.3	93.5	97.2	98.3	98.3	98.3	98.3	98.5	99.1	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 450

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 616410 STATION NAME: DAKAR SENEGAL

PERIOD OF RECORD: 75-85
MONTH: APR ADJUSTED: 1503-1703

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 1	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4
NO CEIL			31.0	46.4	55.4	56.4	58.9	58.9	62.3	63.2	63.7	63.7	63.7	63.9	64.8	64.8
GE 20000			34.7	52.9	63.4	64.8	65.9	66.9	73.3	71.3	71.7	71.7	71.7	72.3	72.9	73.1
GE 18000			34.7	52.9	63.4	64.8	65.9	66.9	70.3	71.3	71.7	71.7	71.7	72.3	72.9	73.1
GE 16000			34.7	52.9	63.4	64.8	65.9	66.9	73.3	71.3	71.7	71.7	71.7	72.3	72.9	73.1
GE 14000			34.9	53.1	63.7	65.1	67.1	67.1	70.5	71.5	72.0	72.0	72.0	72.2	73.1	73.1
GE 12000			36.8	55.4	66.2	67.8	69.9	69.9	73.3	74.3	74.7	74.7	74.7	74.9	75.9	75.9
GE 10000			36.8	55.4	66.2	67.8	70.1	70.1	73.6	74.5	74.9	74.9	74.9	75.2	75.1	75.3
GE 9000			36.8	55.4	66.2	67.8	70.1	70.1	73.6	74.5	74.9	74.9	74.9	75.2	75.1	75.3
GE 8000			36.8	55.4	66.2	67.8	70.1	70.1	73.6	74.5	74.9	74.9	74.9	75.2	75.1	75.3
GE 7000			36.8	55.4	66.2	67.8	70.1	70.1	73.6	74.5	74.9	74.9	74.9	75.2	75.1	75.3
GE 6000			36.8	55.4	66.2	67.8	70.1	70.1	73.6	74.5	74.9	74.9	74.9	75.2	75.1	75.3
GE 5000			57.9	76.6	87.4	89.3	91.3	91.3	94.7	95.6	95.1	95.1	95.1	95.3	97.2	97.2
GE 4500			57.9	76.6	87.4	89.3	91.3	91.3	94.7	95.6	95.1	95.1	95.1	95.3	97.2	97.2
GE 4000			57.9	76.6	87.4	89.3	91.3	91.3	94.7	95.6	95.1	95.1	95.1	95.3	97.2	97.2
GE 3500			57.9	76.6	87.4	89.3	91.3	91.3	94.7	95.6	95.1	95.1	95.1	95.3	97.2	97.2
GE 3000			57.9	76.6	87.4	89.3	91.3	91.3	94.7	95.6	95.1	95.1	95.1	95.3	97.2	97.2
GE 2500			57.9	76.6	87.4	89.3	91.3	91.3	94.7	95.6	95.1	95.1	95.1	95.3	97.2	97.2
GE 2000			58.2	76.8	87.5	89.4	91.7	91.7	95.2	95.1	95.6	95.6	95.6	95.8	97.7	97.7
GE 1800			58.2	76.8	87.5	89.4	91.7	91.7	95.2	95.1	95.6	95.6	95.6	95.8	97.7	97.7
GE 1600			58.4	77.0	87.3	89.7	92.4	92.4	95.9	95.8	97.2	97.2	97.2	97.5	98.4	98.4
GE 1500			58.4	77.0	87.3	89.7	92.4	92.4	95.9	95.8	97.2	97.2	97.2	97.5	98.4	98.4
GE 1200			58.6	77.5	88.3	90.1	92.9	92.9	96.3	97.2	97.7	97.7	97.7	97.9	98.9	98.9
GE 1000			58.6	77.5	88.3	90.1	92.9	92.9	96.3	97.2	97.7	97.7	97.7	97.9	98.9	98.9
GE 900			58.6	77.5	88.3	90.1	92.9	92.9	96.3	97.2	97.7	97.7	97.7	97.9	98.9	98.9
GE 800			58.6	77.7	88.3	90.3	93.1	93.1	96.6	97.5	97.9	97.9	97.9	98.2	99.1	99.1
GE 700			58.6	77.7	88.3	90.3	93.1	93.1	96.6	97.5	97.9	97.9	97.9	98.2	99.1	99.1
GE 600			59.1	78.4	89.2	91.3	93.8	93.8	97.2	98.2	98.6	98.6	98.6	98.9	99.3	100.3
GE 500			59.1	78.4	89.2	91.3	93.8	93.8	97.2	98.2	98.6	98.6	98.6	98.9	99.3	100.3
GE 400			59.1	78.4	89.2	91.3	93.8	93.8	97.2	98.2	98.6	98.6	98.6	98.9	99.3	100.3
GE 300			59.1	78.4	89.2	91.3	93.8	93.8	97.2	98.2	98.6	98.6	98.6	98.9	99.3	100.3
GE 200			59.1	78.4	89.2	91.3	93.8	93.8	97.2	98.2	98.6	98.6	98.6	98.9	99.3	100.3
GE 100			59.1	78.4	89.2	91.3	93.8	93.8	97.2	98.2	98.6	98.6	98.6	98.9	99.3	100.3

TOTAL NUMBER OF OBSERVATIONS: 435

NAVAL CLIMATOLOGY BRANCH
 USAF/ATC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 616410 STATION NAME: DAKAR SENEGAL

PERIOD OF RECORD: 75-85
 MONTH: APR HOURS (LST): 1200-1400

CEILING IN FEET	1	VISIBILITY IN STATUTE MILES																				
		GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
		10	6	5	4	3	2	1 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4					
NO CEIL	1	.2	29.6	46.2	54.4	55.3	57.3	57.5	61.1	61.9	62.2	62.4	62.4	62.4	63.1	63.7	63.7	63.7	63.7	63.7	63.7	63.7
GE 20000	.2	35.4	56.0	65.7	66.8	69.2	69.5	73.2	74.1	74.3	74.6	74.6	74.6	74.6	75.2	75.9	75.9	75.9	75.9	75.9	75.9	75.9
GE 18000	.2	35.4	56.0	65.7	66.8	69.2	69.5	73.2	74.1	74.3	74.6	74.6	74.6	74.6	75.2	75.9	75.9	75.9	75.9	75.9	75.9	75.9
GE 16000	.2	35.4	56.0	65.7	66.8	69.2	69.5	73.2	74.1	74.3	74.6	74.6	74.6	74.6	75.2	75.9	75.9	75.9	75.9	75.9	75.9	75.9
GE 14000	.2	35.4	56.4	66.4	67.3	69.7	69.9	73.7	74.5	74.8	75.3	75.3	75.3	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
GE 12000	.2	37.6	58.6	69.2	70.1	72.6	72.8	76.5	77.4	77.7	77.9	77.9	77.9	78.5	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
GE 10000	.2	37.6	58.6	69.2	70.1	72.6	72.8	76.5	77.4	77.7	77.9	77.9	77.9	78.5	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
GE 9000	.2	37.6	58.6	69.2	70.1	72.6	72.8	76.5	77.4	77.7	77.9	77.9	77.9	78.5	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
GE 8000	.2	37.6	58.6	69.2	70.1	72.6	72.8	76.5	77.4	77.7	77.9	77.9	77.9	78.5	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
GE 7000	.2	37.6	58.6	69.2	70.1	72.6	72.8	76.5	77.4	77.7	77.9	77.9	77.9	78.5	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
GE 6000	.2	37.6	58.6	69.2	70.1	72.6	72.8	76.5	77.4	77.7	77.9	77.9	77.9	78.5	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
GE 5000	.2	52.7	73.7	84.3	85.2	87.6	87.8	91.6	92.5	92.7	92.9	92.9	92.9	93.5	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
GE 4500	.2	52.7	73.7	84.3	85.2	87.6	87.8	91.6	92.5	92.7	92.9	92.9	92.9	93.5	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
GE 4000	.2	52.7	73.7	84.3	85.2	87.6	87.8	91.6	92.5	92.7	92.9	92.9	92.9	93.5	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
GE 3500	.2	52.7	73.7	84.3	85.2	87.6	87.8	91.6	92.5	92.7	92.9	92.9	92.9	93.5	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
GE 3000	.2	52.7	73.7	84.3	85.2	87.6	87.8	91.6	92.5	92.7	92.9	92.9	92.9	93.5	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
GE 2500	.2	52.7	73.9	84.3	85.4	87.8	88.1	91.8	92.7	92.9	93.1	93.1	93.1	93.8	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
GE 2000	.2	52.9	74.1	84.7	86.1	88.5	88.7	92.5	93.4	93.6	93.8	93.8	93.8	94.5	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
GE 1800	.2	52.9	74.1	84.7	86.1	88.5	88.7	92.5	93.4	93.6	93.8	93.8	93.8	94.5	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
GE 1600	.2	53.5	74.8	85.4	86.7	89.2	89.4	93.1	94.0	94.2	94.5	94.5	94.5	95.1	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
GE 1400	.2	54.6	76.5	87.2	88.5	90.9	91.2	94.9	95.8	96.0	96.2	96.2	96.2	96.9	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 1000	.2	55.6	77.9	88.5	89.8	92.3	92.5	96.2	97.1	97.3	97.5	97.5	97.5	98.2	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 900	.2	55.8	77.9	88.5	89.8	92.3	92.5	96.2	97.1	97.3	97.5	97.5	97.5	98.2	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 800	.2	55.8	77.9	88.5	89.8	92.3	92.5	96.2	97.1	97.3	97.5	97.5	97.5	98.2	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 700	.2	55.6	77.9	88.5	89.8	92.3	92.5	96.2	97.1	97.3	97.5	97.5	97.5	98.2	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 600	.2	56.0	78.3	89.4	90.7	93.1	93.4	97.1	98.0	98.2	98.5	98.5	98.5	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	.2	56.0	78.3	89.4	90.7	93.1	93.4	97.1	98.0	98.2	98.5	98.5	98.5	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	.2	56.0	78.3	89.4	90.7	93.1	93.4	97.1	98.0	98.2	98.5	98.5	98.5	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	.2	56.0	78.3	89.4	90.7	93.1	93.4	97.1	98.0	98.2	98.5	98.5	98.5	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	.2	56.0	78.3	89.4	90.7	93.1	93.4	97.1	98.0	98.2	98.5	98.5	98.5	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	.2	56.0	78.3	89.4	90.7	93.1	93.4	97.1	98.0	98.2	98.5	98.5	98.5	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	.2	56.0	78.3	89.4	90.7	93.1	93.4	97.1	98.0	98.2	98.5	98.5	98.5	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 422

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 615411 STATION NAME: DAKAR SENEGAL

PERIOD OF RECORD: 75-85

MONTH: APR HOUR(S): 0000-1100

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	1	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4
NO CELL	1	25.6	39.7	51.4	52.1	53.8	53.8	55.7	56.6	57.1	57.1	57.1	57.1	57.3	57.5	57.5
GE 20000		27.8	46.0	59.7	60.4	62.0	62.0	63.9	64.9	65.3	65.3	65.3	65.3	65.5	65.3	65.3
GE 18000		27.8	46.0	59.7	60.4	62.0	62.0	63.9	64.9	65.3	65.3	65.3	65.3	65.5	65.3	65.3
GE 16000		27.8	46.0	59.7	60.4	62.0	62.0	63.9	64.9	65.3	65.3	65.3	65.3	65.5	65.3	65.3
GE 14000		26.1	46.2	59.2	60.6	62.3	62.3	64.2	65.1	65.6	65.6	65.6	65.6	65.9	65.3	65.3
GE 12000		30.2	50.7	55.3	66.5	68.4	68.4	70.3	71.2	71.7	71.7	71.7	71.7	71.9	72.4	72.4
GE 10000		30.4	50.9	55.3	66.7	68.6	68.6	70.5	71.5	71.9	71.9	71.9	71.9	72.2	72.5	72.5
GE 9000		30.4	50.9	55.3	66.7	68.6	68.6	70.5	71.5	71.9	71.9	71.9	71.9	72.2	72.5	72.5
GE 8000		30.4	50.9	55.3	66.7	68.6	68.6	70.5	71.5	71.9	71.9	71.9	71.9	72.2	72.5	72.5
GE 7000		30.4	50.9	55.3	66.7	68.6	68.6	70.5	71.5	71.9	71.9	71.9	71.9	72.2	72.5	72.5
GE 6000		30.4	50.9	55.3	66.7	68.6	68.6	70.5	71.5	71.9	71.9	71.9	71.9	72.2	72.5	72.5
GE 5000		50.2	70.8	85.4	86.6	88.4	88.4	90.3	91.3	91.7	91.7	91.7	91.7	92.0	92.5	92.7
GE 4500		50.2	70.8	85.4	86.6	88.4	88.4	90.3	91.3	91.7	91.7	91.7	91.7	92.0	92.5	92.7
GE 4000		50.2	71.0	85.3	86.8	88.7	88.7	90.6	91.5	92.0	92.0	92.0	92.0	92.2	92.7	92.7
GE 3500		50.2	71.0	85.3	86.8	88.7	88.7	90.6	91.5	92.0	92.0	92.0	92.0	92.2	92.7	92.7
GE 3000		50.2	71.0	85.3	86.8	88.7	88.7	90.6	91.5	92.0	92.0	92.0	92.0	92.2	92.7	92.7
GE 2500		50.2	71.0	85.3	86.8	88.7	88.7	90.6	91.5	92.0	92.0	92.0	92.0	92.2	92.7	92.7
GE 2000		50.2	71.2	85.3	87.0	88.9	88.9	90.8	91.7	92.2	92.2	92.2	92.2	92.5	92.9	93.2
GE 1800		50.2	71.2	85.3	87.0	88.9	88.9	90.8	91.7	92.2	92.2	92.2	92.2	92.5	92.9	93.2
GE 1500		50.2	71.5	86.1	87.3	89.2	89.2	91.0	92.0	92.5	92.5	92.5	92.5	92.7	93.2	93.4
GE 1200		51.9	74.1	88.7	89.9	91.7	91.7	93.6	94.6	95.0	95.0	95.0	95.0	95.3	95.4	95.4
GE 1000		52.6	75.7	90.3	91.7	93.9	93.9	95.8	96.7	97.2	97.2	97.2	97.2	97.4	97.9	98.1
GE 900		52.6	75.7	90.3	91.7	93.9	93.9	95.8	96.7	97.2	97.2	97.2	97.2	97.4	97.9	98.1
GE 800		52.6	75.9	91.3	92.7	94.8	94.8	96.7	97.6	98.1	98.1	98.1	98.1	98.3	98.4	98.4
GE 700		52.8	76.2	91.3	92.9	95.0	95.0	96.9	97.9	98.3	98.3	98.3	98.3	98.5	99.1	99.3
GE 600		52.8	76.2	91.7	93.2	95.3	95.3	97.2	98.1	98.6	98.6	98.6	98.6	98.8	99.3	99.5
GE 500		52.8	76.2	92.1	93.4	95.8	95.8	97.6	98.6	99.1	99.1	99.1	99.1	99.3	99.8	100.0
GE 400		52.8	76.2	92.1	93.4	95.8	95.8	97.6	98.6	99.1	99.1	99.1	99.1	99.3	99.8	100.0
GE 300		52.8	76.2	92.1	93.4	95.8	95.8	97.6	98.6	99.1	99.1	99.1	99.1	99.3	99.8	100.0
GE 200		52.8	76.2	92.1	93.4	95.8	95.8	97.6	98.6	99.1	99.1	99.1	99.1	99.3	99.8	100.0
GE 100		52.8	76.2	92.1	93.4	95.8	95.8	97.6	98.6	99.1	99.1	99.1	99.1	99.3	99.8	100.0
GE 0		52.8	76.2	92.1	93.4	95.8	95.8	97.6	98.6	99.1	99.1	99.1	99.1	99.3	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS: 424

GLOBAL CLIMATOLOGY BRANCH
USAF/ETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 615410 STATION NAME: DAKAR SENEGAL

PERIOD OF RECORD: 75-85
MONTH: APR JPRS(EST): 3503-3303

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	
NO CEIL		12.9	42.8	50.3	61.8	65.3	65.3	68.8	59.4	62.4	69.7	69.7	69.7	69.7	69.7	5
GE 20000		14.8	48.0	56.5	68.1	71.8	71.8	75.5	76.2	75.2	76.4	76.4	75.4	75.4	75.4	7
GE 18000		14.8	48.0	56.5	68.1	71.8	71.8	75.5	75.2	75.2	76.4	76.4	75.4	75.4	75.4	7
GE 16000		14.8	48.0	56.5	68.1	71.8	71.8	75.5	76.2	75.2	76.4	76.4	75.4	75.4	75.4	7
GE 14000		15.1	48.3	56.3	69.3	72.1	72.1	75.8	75.4	75.4	75.5	75.5	75.5	75.5	75.5	7
GE 12000		16.6	52.4	72.1	73.6	77.5	77.5	81.2	81.9	81.9	82.1	82.1	82.1	82.1	82.1	9
GE 10000		16.6	52.4	72.1	73.6	77.5	77.5	81.2	81.9	81.9	82.1	82.1	82.1	82.1	82.1	9
GE 9000		16.6	52.4	72.1	73.6	77.5	77.5	81.2	81.9	81.9	82.1	82.1	82.1	82.1	82.1	9
GE 8000		16.6	52.4	72.1	73.6	77.5	77.5	81.2	81.9	81.9	82.1	82.1	82.1	82.1	82.1	9
GE 7000		16.6	52.4	72.1	73.6	77.5	77.5	81.2	81.9	81.9	82.1	82.1	82.1	82.1	82.1	9
GE 6000		16.6	52.4	72.1	73.6	77.5	77.5	81.2	81.9	81.9	82.1	82.1	82.1	82.1	82.1	9
GE 5000		25.8	61.6	81.2	82.8	86.7	86.7	90.4	91.0	91.0	91.3	91.3	91.3	91.3	91.3	9
GE 4500		25.8	61.6	81.2	82.8	86.7	86.7	90.4	91.0	91.0	91.3	91.3	91.3	91.3	91.3	9
GE 4000		25.8	61.6	81.2	82.8	86.7	86.7	90.4	91.0	91.0	91.3	91.3	91.3	91.3	91.3	9
GE 3500		25.8	61.6	81.2	82.8	86.7	86.7	90.4	91.0	91.0	91.3	91.3	91.3	91.3	91.3	9
GE 3000		25.8	61.6	81.2	82.8	86.7	86.7	90.4	91.0	91.0	91.3	91.3	91.3	91.3	91.3	9
GE 2500		25.8	61.6	81.2	82.8	86.7	86.7	90.4	91.0	91.0	91.3	91.3	91.3	91.3	91.3	9
GE 2000		25.8	61.6	81.2	82.8	86.7	86.7	90.4	91.0	91.0	91.3	91.3	91.3	91.3	91.3	9
GE 1800		25.8	61.6	81.2	82.8	86.7	86.7	90.4	91.0	91.0	91.3	91.3	91.3	91.3	91.3	9
GE 1500		25.8	61.6	81.2	82.8	86.7	86.7	90.4	91.0	91.0	91.3	91.3	91.3	91.3	91.3	9
GE 1200		26.0	62.2	82.3	84.3	88.2	88.2	91.9	92.6	92.6	92.8	92.8	92.8	92.8	92.8	9
GE 1000		26.4	64.0	85.4	86.9	90.8	90.8	94.5	95.2	95.2	95.4	95.4	95.4	95.4	95.4	9
GE 900		26.4	64.0	85.4	86.9	90.8	90.8	94.5	95.2	95.2	95.4	95.4	95.4	95.4	95.4	9
GE 800		26.6	64.2	85.3	87.3	91.3	91.3	95.0	95.6	95.6	95.9	95.9	95.9	95.9	95.9	9
GE 700		26.6	64.4	86.3	87.6	91.5	91.5	95.2	95.9	95.9	96.1	96.1	96.1	96.1	96.1	9
GE 600		26.9	65.5	87.1	88.6	92.5	92.5	96.5	97.2	97.2	97.4	97.4	97.4	97.4	97.4	9
GE 500		26.9	65.9	88.4	90.0	93.9	93.9	98.0	98.7	98.9	99.1	99.1	99.1	99.1	99.1	9
GE 400		26.9	65.9	88.4	90.0	93.9	93.9	98.0	98.7	98.9	99.1	99.1	99.1	99.1	99.1	9
GE 300		26.9	65.9	88.4	90.0	93.9	93.9	98.0	98.7	98.9	99.1	99.1	99.1	99.1	99.1	9
GE 200		26.9	65.9	88.4	90.0	93.9	93.9	98.0	98.7	98.9	99.1	99.1	99.1	99.1	99.1	9
GE 100		26.9	65.9	88.4	90.0	93.9	93.9	98.0	98.7	98.9	99.1	99.1	99.1	99.1	99.1	9
GE 00		26.9	65.9	88.4	90.0	93.9	93.9	98.0	98.7	98.9	99.1	99.1	99.1	99.1	99.1	9

TOTAL NUMBER OF OBSERVATIONS: 458

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 016410 STATION NAME: DAKAR SENEGAL

PERIOD OF RECORD: 75-85
MONTH: MAY HOURS(UT): 2100-2300

CEILING IN FEET	J 1	VISIBILITY IN STATUTE MILES															
		GE 10	SE 6	GE 4	SE 4	GE 3	SE 2 1/2	GE 2	SE 1 1/2	GE 1 1/4	SE 1	GE 3/4	SE 3/8	SE 1/2	SE 5/16	SE 1/4	SE
NO CEIL	1		10.7	39.1	52.2	54.9	58.7	59.2	61.8	62.3	62.3	62.5	62.7	62.7	62.7	62.7	62.7
GE 20000			11.8	41.5	55.3	58.5	62.7	63.2	65.9	65.3	65.3	66.5	66.7	66.7	66.7	66.7	66.7
GE 18000			11.8	41.5	55.3	58.5	62.7	63.2	65.9	65.3	65.3	66.5	66.7	66.7	66.7	66.7	66.7
GE 16000			11.8	41.5	55.3	58.5	62.7	63.2	65.9	65.3	65.3	66.5	66.7	66.7	66.7	66.7	66.7
GE 14000	.2	12.1	42.0	56.3	58.9	63.2	65.6	65.7	65.7	65.7	65.7	67.0	67.2	67.2	67.2	67.2	67.2
GE 12000	.2	12.5	48.4	55.3	69.0	73.2	73.7	76.6	77.0	77.0	77.0	77.2	77.5	77.5	77.5	77.7	77.7
GE 10000	.2	12.5	48.4	55.3	69.0	73.2	73.7	76.6	77.0	77.0	77.0	77.2	77.5	77.5	77.5	77.7	77.7
GE 9000	.2	12.5	48.4	55.3	69.0	73.2	73.7	76.6	77.0	77.0	77.0	77.2	77.5	77.5	77.5	77.7	77.7
GE 8000	.2	12.5	48.4	55.3	69.0	73.2	73.7	76.6	77.0	77.0	77.0	77.2	77.5	77.5	77.5	77.7	77.7
GE 7000	.2	12.5	48.4	55.3	69.0	73.2	73.7	76.6	77.0	77.0	77.0	77.2	77.5	77.5	77.5	77.7	77.7
GE 6000	.2	12.5	48.4	55.3	69.0	73.2	73.7	76.6	77.0	77.0	77.0	77.2	77.5	77.5	77.5	77.7	77.7
GE 5000	.2	30.4	66.3	83.7	86.8	91.1	91.5	94.4	94.9	94.9	94.9	95.1	95.3	95.3	95.3	95.5	95.5
GE 4500	.2	30.4	66.3	83.7	86.8	91.1	91.5	94.4	94.9	94.9	94.9	95.1	95.3	95.3	95.3	95.5	95.5
GE 4000	.2	30.4	66.3	83.7	86.8	91.1	91.5	94.4	94.9	94.9	94.9	95.1	95.3	95.3	95.3	95.5	95.5
GE 3500	.2	30.4	66.3	83.7	86.8	91.1	91.5	94.4	94.9	94.9	94.9	95.1	95.3	95.3	95.3	95.5	95.5
GE 3000	.2	30.4	66.3	83.7	86.8	91.1	91.5	94.4	94.9	94.9	94.9	95.1	95.3	95.3	95.3	95.5	95.5
GE 2500	.2	30.4	66.3	83.7	86.8	91.1	91.5	94.4	94.9	94.9	94.9	95.1	95.3	95.3	95.3	95.5	95.5
GE 2000	.2	30.4	66.3	83.7	86.8	91.1	91.5	94.4	94.9	94.9	94.9	95.1	95.3	95.3	95.3	95.5	95.5
GE 1800	.2	30.4	66.3	83.7	86.8	91.1	91.5	94.4	94.9	94.9	94.9	95.1	95.3	95.3	95.3	95.5	95.5
GE 1600	.2	30.4	66.3	83.7	86.8	91.1	91.5	94.4	94.9	94.9	94.9	95.1	95.3	95.3	95.3	95.5	95.5
GE 1400	.2	30.4	66.3	83.7	86.8	91.1	91.5	94.4	94.9	94.9	94.9	95.1	95.3	95.3	95.3	95.5	95.5
GE 1200	.2	30.4	66.3	83.7	86.8	91.1	91.5	94.4	94.9	94.9	94.9	95.1	95.3	95.3	95.3	95.5	95.5
GE 1000	.2	30.4	66.3	83.7	86.8	91.1	91.5	94.4	94.9	94.9	94.9	95.1	95.3	95.3	95.3	95.5	95.5
GE 900	.2	30.4	66.3	83.7	86.8	91.1	91.5	94.4	94.9	94.9	94.9	95.1	95.3	95.3	95.3	95.5	95.5
GE 800	.2	30.4	66.3	83.7	86.8	91.1	91.5	94.4	94.9	94.9	94.9	95.1	95.3	95.3	95.3	95.5	95.5
GE 700	.2	30.4	66.3	83.7	86.8	91.1	91.5	94.4	94.9	94.9	94.9	95.1	95.3	95.3	95.3	95.5	95.5
GE 600	.2	30.4	66.3	83.7	86.8	91.1	91.5	94.4	94.9	94.9	94.9	95.1	95.3	95.3	95.3	95.5	95.5
GE 500	.2	30.4	66.3	83.7	86.8	91.1	91.5	94.4	94.9	94.9	94.9	95.1	95.3	95.3	95.3	95.5	95.5
GE 400	.2	30.4	66.3	83.7	86.8	91.1	91.5	94.4	94.9	94.9	94.9	95.1	95.3	95.3	95.3	95.5	95.5
GE 300	.2	30.4	66.3	83.7	86.8	91.1	91.5	94.4	94.9	94.9	94.9	95.1	95.3	95.3	95.3	95.5	95.5
GE 200	.2	30.4	66.3	83.7	86.8	91.1	91.5	94.4	94.9	94.9	94.9	95.1	95.3	95.3	95.3	95.5	95.5
GE 100	.2	30.4	66.3	83.7	86.8	91.1	91.5	94.4	94.9	94.9	94.9	95.1	95.3	95.3	95.3	95.5	95.5
GE 0	.2	30.4	66.3	83.7	86.8	91.1	91.5	94.4	94.9	94.9	94.9	95.1	95.3	95.3	95.3	95.5	95.5

TOTAL NUMBER OF OBSERVATIONS: 448

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 616410 STATION NAME: DAKAR SENEGAL

PERIOD OF RECORD: 75-85
MONTH: MAY HOURS(IST): ALL

CEILING IN FEET	GE	VISIBILITY IN STATUTE MILES														
		GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4
NO CEIL	1	.0	16.7	40.1	51.3	53.8	56.7	57.0	58.8	59.5	59.6	59.7	59.8	59.9	59.9	60.0
GE 20000	1	.0	16.9	45.2	58.7	60.9	64.1	64.5	66.5	67.2	67.4	67.5	67.5	67.7	67.7	67.7
GE 18000	1	.0	18.9	45.2	58.7	60.9	64.1	64.5	66.5	67.2	67.4	67.5	67.5	67.7	67.7	67.7
GE 16000	1	.0	18.9	45.2	58.7	60.9	64.2	64.5	66.5	67.2	67.4	67.5	67.5	67.7	67.7	67.8
GE 14000	1	.1	18.9	45.5	59.1	61.2	64.6	64.9	67.0	67.6	67.8	67.9	68.0	68.1	68.1	68.2
GE 12000	1	.1	21.0	51.9	58.1	70.7	74.4	74.8	77.1	77.7	78.0	78.0	78.1	78.3	78.3	78.3
GE 10000	1	.1	21.0	51.9	58.2	70.7	74.4	74.8	77.1	77.8	78.0	78.1	78.1	78.3	78.3	78.4
GE 9000	1	.1	21.0	51.9	58.2	70.7	74.4	74.8	77.1	77.8	78.0	78.1	78.1	78.3	78.3	78.4
GE 8000	1	.1	21.0	51.9	58.2	70.7	74.4	74.8	77.1	77.8	78.0	78.1	78.1	78.3	78.3	78.4
GE 7000	1	.1	21.0	51.9	58.2	70.7	74.4	74.8	77.1	77.8	78.0	78.1	78.1	78.3	78.3	78.4
GE 6000	1	.1	21.0	51.9	58.2	70.7	74.4	74.8	77.1	77.8	78.0	78.1	78.1	78.3	78.3	78.4
GE 5000	1	.1	37.9	68.9	85.1	87.7	91.3	91.8	94.1	94.7	94.9	95.0	95.0	95.2	95.2	95.3
GE 4500	1	.1	37.9	68.9	85.1	87.7	91.3	91.8	94.1	94.7	94.9	95.0	95.0	95.2	95.2	95.3
GE 4000	1	.1	37.9	68.9	85.1	87.7	91.3	91.8	94.1	94.7	94.9	95.0	95.0	95.2	95.2	95.3
GE 3500	1	.1	37.9	68.9	85.1	87.7	91.3	91.8	94.1	94.7	94.9	95.0	95.0	95.2	95.2	95.3
GE 3000	1	.1	37.9	68.9	85.1	87.7	91.3	91.8	94.1	94.7	94.9	95.0	95.0	95.2	95.2	95.3
GE 2500	1	.1	37.9	68.9	85.1	87.7	91.3	91.8	94.1	94.7	94.9	95.0	95.0	95.2	95.2	95.3
GE 2000	1	.1	37.9	68.9	85.1	87.7	91.3	91.8	94.1	94.7	94.9	95.0	95.0	95.2	95.2	95.3
GE 1800	1	.1	37.9	68.9	85.1	87.7	91.3	91.8	94.1	94.7	94.9	95.0	95.0	95.2	95.2	95.3
GE 1500	1	.1	38.1	69.1	85.3	87.9	91.6	92.0	94.3	95.0	95.2	95.3	95.3	95.5	95.5	95.6
GE 1200	1	.1	38.3	70.2	86.5	89.1	92.8	93.2	95.5	95.2	95.4	95.5	95.5	95.7	95.7	95.8
GE 1000	1	.1	38.7	71.3	87.5	90.3	94.0	94.5	96.8	97.4	97.6	97.7	97.8	98.0	98.0	98.1
GE 900	1	.1	38.7	71.3	87.7	90.4	94.0	94.5	96.9	97.4	97.7	97.7	97.8	98.0	98.1	98.1
GE 800	1	.1	38.9	72.0	88.4	91.2	94.9	95.3	97.7	98.3	98.5	98.6	98.6	98.7	98.7	98.7
GE 700	1	.1	39.0	72.2	88.5	91.4	95.1	95.5	97.9	98.5	98.7	98.8	98.9	99.1	99.1	99.2
GE 600	1	.1	39.1	72.7	89.2	92.3	95.7	96.1	98.4	99.1	99.3	99.4	99.4	99.5	99.7	99.9
GE 500	1	.1	39.1	72.7	89.3	92.3	95.7	95.2	98.5	99.2	99.4	99.5	99.5	99.8	99.3	99.9
GE 400	1	.1	39.1	72.7	89.3	92.3	95.7	95.2	98.6	99.2	99.4	99.5	99.5	99.8	99.3	99.9
GE 300	1	.1	39.1	72.7	89.3	92.3	95.7	95.2	98.6	99.3	99.5	99.5	99.5	99.8	99.3	99.9
GE 200	1	.1	39.1	72.7	89.3	92.1	95.8	96.2	98.6	99.3	99.5	99.6	99.6	99.8	99.9	100.0
GE 100	1	.1	39.1	72.7	89.3	92.1	95.8	96.2	98.6	99.3	99.5	99.6	99.6	99.8	99.9	100.0
GE 0	1	.1	39.1	72.7	89.3	92.1	95.8	96.2	98.6	99.3	99.5	99.6	99.6	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS: 3752

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 616413 STATION NAME: DAKAR SENEGAL

PERIOD OF RECORD: 75-94
MONTH: JUN HOURS(IST): 0000-0200

CEILING IN FEET	VISIBILITY IN STATUTE MILES														
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4
NO CEIL	18.9	45.7	49.3	49.8	51.1	51.1	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8
GE 20000	20.8	51.4	55.3	55.7	57.3	57.3	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0
GE 18000	20.8	51.4	55.3	55.7	57.3	57.3	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0
GE 16000	20.8	51.4	55.3	55.7	57.3	57.3	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0
GE 14000	21.2	51.4	55.7	56.4	58.0	58.0	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
GE 12000	24.9	63.5	69.2	70.8	72.8	72.8	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
GE 10000	24.9	63.5	69.2	70.8	72.8	72.8	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
GE 9000	24.9	63.5	69.2	70.8	72.8	72.8	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
GE 8000	24.9	63.5	69.2	70.8	72.8	72.8	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
GE 7000	24.9	63.5	69.2	70.8	72.8	72.8	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
GE 6000	24.9	63.5	69.2	70.8	72.8	72.8	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
GE 5000	33.1	71.7	78.1	79.0	81.1	81.1	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
GE 4500	33.1	71.7	78.1	79.0	81.1	81.1	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
GE 4000	33.1	71.7	78.1	79.0	81.1	81.1	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
GE 3500	33.1	71.7	78.1	79.0	81.1	81.1	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
GE 3000	33.1	72.1	78.3	79.5	81.5	81.5	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
GE 2500	33.1	72.1	78.3	79.5	81.5	81.5	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
GE 2000	33.1	72.1	78.3	79.5	81.5	81.5	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
GE 1800	33.1	72.1	78.3	79.5	81.5	81.5	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
GE 1500	34.5	74.9	81.3	82.2	84.2	84.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
GE 1200	36.8	81.3	88.4	89.3	91.3	91.3	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
GE 1000	39.7	87.0	94.7	95.9	97.9	97.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 900	39.7	87.0	94.7	95.9	97.9	97.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 800	40.2	87.9	95.7	96.8	98.9	98.9	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 700	40.2	87.9	95.7	96.8	98.9	98.9	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 600	40.2	87.9	95.7	96.8	98.9	98.9	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 500	40.2	87.9	95.7	96.8	98.9	98.9	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 400	40.2	87.9	95.7	96.8	98.9	98.9	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 300	40.2	87.9	95.7	96.8	98.9	98.9	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 200	40.2	87.9	95.7	96.8	98.9	98.9	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 100	40.2	87.9	95.7	96.8	98.9	98.9	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 0	40.2	87.9	95.7	96.8	98.9	98.9	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS: 438

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 616410 STATION NAME: DAKAR SENEGAL

PERIOD OF RECORD: 75-84
MONTH: JUN HOURS(EST): 0300-0500

CEILING IN FEET	GE 10	VISIBILITY IN STATUTE MILES													
		GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4
NO CEIL	.3	19.6	46.0	50.3	50.9	52.3	52.3	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8
GE 20000	.3	21.0	49.7	54.3	55.1	55.8	56.8	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
GE 18000	.3	21.0	49.7	54.3	55.1	55.8	56.8	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
GE 16000	.3	21.0	49.7	54.3	55.1	56.8	56.8	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
GE 14000	.3	21.0	50.3	55.7	56.0	57.7	57.7	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
GE 12000	.3	25.9	62.8	69.3	69.6	71.9	71.9	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
GE 10000	.3	25.9	63.4	69.7	70.2	72.4	72.4	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
GE 9000	.3	25.9	63.4	69.7	70.2	72.4	72.4	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
GE 8000	.3	25.9	63.4	69.7	70.2	72.4	72.4	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
GE 7000	.3	25.9	63.4	69.7	70.2	72.4	72.4	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
GE 6000	.3	25.9	63.4	69.7	70.2	72.4	72.4	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
GE 5000	.3	32.1	69.6	76.1	76.4	78.7	78.7	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
GE 4500	.3	32.1	69.6	76.1	76.4	78.7	78.7	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
GE 4000	.3	32.1	69.6	76.1	76.4	78.7	78.7	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
GE 3500	.3	32.1	69.6	76.1	76.4	78.7	78.7	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
GE 3000	.3	32.1	69.6	76.1	76.4	78.7	78.7	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
GE 2500	.3	32.1	69.6	76.1	76.4	78.7	78.7	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
GE 2000	.3	32.1	69.6	76.1	76.4	78.7	78.7	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
GE 1800	.3	32.1	69.6	76.1	76.4	78.7	78.7	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
GE 1500	.3	33.8	73.0	79.3	79.8	82.1	82.1	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
GE 1200	.3	36.1	79.3	86.5	86.9	89.2	89.2	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
GE 1000	.3	39.5	87.2	95.3	95.7	98.0	98.0	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 900	.3	39.5	87.2	95.3	95.7	98.0	98.0	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 800	.3	40.3	88.4	96.3	96.9	99.1	99.1	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 700	.3	40.3	88.4	96.3	96.9	99.1	99.1	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 600	.3	40.6	88.6	96.7	97.2	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	.3	40.6	88.6	96.7	97.2	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	.3	40.6	88.6	96.7	97.2	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	.3	40.6	88.6	96.7	97.2	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	.3	40.6	88.6	96.7	97.2	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	.3	40.6	88.6	96.7	97.2	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	.3	40.6	88.6	96.7	97.2	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 352

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILINGS VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 616413 STATION NAME: DAKAR SENEGAL

PERIOD OF RECORD: 75-84
MONTH: JUN HOURS (EST): 0500-2300

CEILING IN FEET	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE
NO CEIL	1	17.5	36.6	41.5	42.1	43.2	43.2	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4
GE 20000	.2	19.6	43.9	50.1	51.6	52.3	52.3	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2
GE 18000	.2	19.6	43.9	50.1	51.6	52.3	52.3	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2
GE 16000	.2	19.6	44.1	50.3	50.8	52.2	52.2	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4
GE 14000	.2	20.0	45.1	51.3	51.7	53.1	53.1	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3
GE 12000	.2	27.4	61.8	71.5	72.2	73.5	73.5	73.8	73.8	73.8	73.8	74.3	74.3	74.3	74.3
GE 10000	.2	27.4	61.8	71.5	72.2	73.6	73.6	73.9	73.8	73.8	73.8	74.3	74.3	74.3	74.3
GE 9000	.2	27.4	61.8	71.5	72.2	73.6	73.6	73.9	73.8	73.8	73.8	74.3	74.3	74.3	74.3
GE 8000	.2	27.4	61.8	71.5	72.2	73.6	73.6	73.8	73.8	73.8	73.8	74.3	74.3	74.3	74.3
GE 7000	.2	27.4	61.8	71.5	72.2	73.6	73.6	73.8	73.8	73.8	73.8	74.3	74.3	74.3	74.3
GE 6000	.2	27.4	61.8	71.5	72.2	73.6	73.6	73.8	73.8	73.8	73.8	74.3	74.3	74.3	74.3
GE 5000	.2	36.6	71.0	80.7	81.4	82.8	82.8	83.0	83.0	83.0	83.0	83.2	83.2	83.2	83.2
GE 4500	.2	36.6	71.0	80.7	81.4	82.8	82.8	83.0	83.0	83.0	83.0	83.2	83.2	83.2	83.2
GE 4000	.2	36.6	71.0	80.7	81.4	82.8	82.8	83.0	83.0	83.0	83.0	83.2	83.2	83.2	83.2
GE 3500	.2	36.6	71.0	80.7	81.4	82.8	82.8	83.0	83.0	83.0	83.0	83.2	83.2	83.2	83.2
GE 3000	.2	36.6	71.5	81.1	81.8	83.2	83.2	83.4	83.4	83.4	83.4	83.7	83.7	83.7	83.7
GE 2500	.2	36.6	71.5	81.1	81.8	83.2	83.2	83.4	83.4	83.4	83.4	83.7	83.7	83.7	83.7
GE 2000	.2	36.6	71.7	81.4	82.1	83.4	83.4	83.7	83.7	83.7	83.7	83.9	83.9	83.9	83.9
GE 1800	.2	36.8	71.7	81.4	82.1	83.4	83.4	83.7	83.7	83.7	83.7	83.9	83.9	83.9	83.9
GE 1500	.2	38.2	74.3	84.1	84.8	86.2	86.2	86.4	86.4	86.4	86.4	86.7	86.7	86.7	86.7
GE 1200	.2	40.7	80.0	89.9	90.5	92.0	92.0	92.2	92.2	92.2	92.2	92.4	92.4	92.4	92.4
GE 1000	.2	42.8	85.7	95.9	96.8	98.2	98.2	98.4	98.4	98.4	98.4	98.6	98.6	98.6	98.6
GE 900	.2	42.8	85.7	95.9	96.8	98.2	98.2	98.4	98.4	98.4	98.4	98.6	98.6	98.6	98.6
GE 800	.2	43.7	87.1	97.2	98.2	99.5	99.5	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0
GE 700	.2	43.7	87.1	97.2	98.2	99.5	99.5	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0
GE 600	.2	43.7	87.1	97.2	98.2	99.5	99.5	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0
GE 500	.2	43.7	87.1	97.2	98.2	99.5	99.5	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0
GE 400	.2	43.7	87.1	97.2	98.2	99.5	99.5	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0
GE 300	.2	43.7	87.1	97.2	98.2	99.5	99.5	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0
GE 200	.2	43.7	87.1	97.2	98.2	99.5	99.5	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0
GE 100	.2	43.7	87.1	97.2	98.2	99.5	99.5	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0
GE 01	.2	43.7	87.1	97.2	98.2	99.5	99.5	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 435

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 616410 STATION NAME: DAKAR SENEGAL

PERIOD OF RECORD: 75-84
MONTH: JUN HOURS(IST): 0900-1100

CEILING IN FEET	GE 1	VISIBILITY IN STATUTE MILES										GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 3
		GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1							
NO CEIL	.3	19.4	27.6	30.3	33.4	31.8	31.9	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6
GE 20000	.3	26.0	39.3	43.3	43.8	44.8	44.3	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6
GE 18000	.3	26.0	39.3	43.3	43.8	44.8	44.3	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6
GE 16000	.3	26.0	39.3	43.3	43.8	44.8	44.3	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6
GE 14000	.3	27.9	41.6	45.2	46.2	47.2	47.2	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0
GE 12000	.3	41.1	60.5	66.3	66.3	67.4	67.4	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
GE 10000	.3	41.1	60.7	66.3	66.6	67.6	67.6	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
GE 9000	.3	41.1	60.7	66.3	66.6	67.6	67.6	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
GE 8000	.3	41.1	60.7	66.3	66.6	67.6	67.6	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
GE 7000	.3	41.1	60.7	66.3	66.6	67.6	67.6	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
GE 6000	.3	41.1	60.7	66.3	66.6	67.6	67.6	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
GE 5000	.3	55.4	75.1	80.3	80.9	82.0	82.0	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
GE 4500	.3	55.4	75.1	80.3	80.9	82.0	82.0	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
GE 4000	.3	55.4	75.1	80.3	80.9	82.0	82.0	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
GE 3500	.3	55.4	75.1	80.3	80.9	82.0	82.0	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
GE 3000	.3	55.4	75.1	80.3	80.9	82.0	82.0	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
GE 2500	.3	55.4	75.1	80.3	80.9	82.0	82.0	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
GE 2000	.3	56.2	75.9	81.4	81.7	82.8	82.8	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
GE 1800	.3	56.2	75.9	81.4	81.7	82.8	82.8	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
GE 1600	.3	59.9	81.2	87.3	87.5	88.6	88.6	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
GE 1500	.3	59.9	81.2	87.3	87.5	88.6	88.6	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
GE 1400	.5	64.5	87.5	94.7	95.3	95.3	95.3	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 1300	.5	67.1	90.2	97.3	97.6	98.7	98.7	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 1200	.5	67.1	90.2	97.3	97.6	98.7	98.7	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 1100	.5	67.1	90.2	97.3	97.6	98.7	98.7	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 1000	.8	67.4	90.5	97.3	97.9	98.9	98.9	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 900	.8	67.4	90.5	97.3	97.9	98.9	98.9	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 800	.8	67.4	90.5	97.3	97.9	98.9	98.9	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 700	.8	67.4	90.5	97.3	97.9	98.9	98.9	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 600	.8	67.4	90.5	97.3	97.9	98.9	98.9	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 500	.8	67.4	90.5	97.3	97.9	98.9	98.9	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 400	.8	67.4	90.5	97.3	97.9	98.9	98.9	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 300	.8	67.4	90.5	97.3	97.9	98.9	98.9	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 200	.8	67.4	90.5	97.3	97.9	98.9	98.9	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 100	.8	67.4	90.5	97.3	97.9	98.9	98.9	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS: 377

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILINGS VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 616410 STATION NAME: DAKAR SENEGAL

PERIOD OF RECORD: 75-84
MONTH: JUN HOURS(EST): 1200-1400

CEILING IN FEET	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2	GE 1 1/2	VISIBILITY IN STATUTE MILES									
								GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE J
NO CEIL		29.1	40.2	42.4	42.9	43.6	43.6	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9
GE 20000		36.3	51.0	54.2	54.9	55.5	55.5	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
GE 18000		36.3	51.0	54.2	54.9	55.5	55.5	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
GE 16000		36.3	51.0	54.2	54.9	55.5	55.5	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
GE 14000		37.0	51.9	55.1	55.9	56.4	56.4	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
GE 12000		46.7	65.0	68.4	69.1	69.8	69.8	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
GE 10000		46.7	65.0	68.4	69.1	69.8	69.8	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
GE 9000		46.7	65.0	68.4	69.1	69.8	69.8	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
GE 8000		46.7	65.0	68.4	69.1	69.8	69.8	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
GE 7000		46.7	65.0	68.4	69.1	69.8	69.8	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
GE 6000		46.7	65.0	68.4	69.1	69.8	69.8	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
GE 5000		57.8	76.1	79.5	80.1	80.8	80.8	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
GE 4500		57.8	76.1	79.5	80.1	80.8	80.8	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
GE 4000		57.8	76.1	79.5	80.1	80.8	80.8	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
GE 3500		57.8	76.1	79.5	80.1	80.8	80.8	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
GE 3000		58.0	76.3	79.7	80.4	81.0	81.0	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
GE 2500		58.0	76.3	79.7	80.4	81.0	81.0	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
GE 2000		58.5	77.4	80.3	81.5	82.2	82.2	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
GE 1800		58.7	77.7	81.0	81.7	82.4	82.4	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
GE 1500	.2	65.9	87.4	90.7	91.4	92.1	92.1	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
GE 1200	.2	64.2	90.5	94.1	94.8	95.7	95.7	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 1000	.2	70.9	93.2	97.1	97.7	98.6	98.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900	.2	70.9	93.2	97.1	97.7	98.6	98.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	.2	70.9	93.2	97.1	97.7	98.6	98.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	.2	70.9	93.2	97.1	97.7	98.6	98.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	.2	70.9	93.2	97.1	97.7	98.6	98.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	.2	70.9	93.2	97.1	97.7	98.6	98.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	.2	70.9	93.2	97.1	97.7	98.6	98.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	.2	70.9	93.2	97.1	97.7	98.6	98.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	.2	70.9	93.2	97.1	97.7	98.6	98.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	.2	70.9	93.2	97.1	97.7	98.6	98.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 00	.2	70.9	93.2	97.1	97.7	98.6	98.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 443

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/NAAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 016410 STATION NAME: DAKAR SENEGAL

PERIOD OF RECORD: 75-84
MONTH: JUN HOURS(EST): 1500-1700

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	1	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4
NO CEIL	1		35.3	44.0	46.3	46.6	47.6	47.5	48.4	48.4	48.4	48.4	48.7	48.7	48.7	48.7
GE 20000			43.5	54.7	57.5	57.9	58.9	58.9	59.7	59.7	59.7	59.7	59.9	59.9	59.9	59.9
GE 18000			43.5	54.7	57.5	57.9	58.9	58.9	59.7	59.7	59.7	59.7	59.9	59.9	59.9	59.9
GE 16000			43.5	54.7	57.5	57.9	58.9	58.9	59.7	59.7	59.7	59.7	59.9	59.9	59.9	59.9
GE 14000			44.2	56.0	58.7	59.2	60.2	60.2	61.0	61.0	61.0	61.0	61.3	61.3	61.3	61.3
GE 12000			53.1	67.0	69.9	70.2	71.2	71.2	72.0	72.0	72.0	72.0	72.3	72.3	72.3	72.3
GE 10000			53.1	67.0	69.9	70.2	71.2	71.2	72.0	72.0	72.0	72.0	72.3	72.3	72.3	72.3
GE 9000			53.1	67.0	69.9	70.2	71.2	71.2	72.0	72.0	72.0	72.0	72.3	72.3	72.3	72.3
GE 8000			53.1	67.0	69.9	70.2	71.2	71.2	72.0	72.0	72.0	72.0	72.3	72.3	72.3	72.3
GE 7000			53.1	67.0	69.9	70.2	71.2	71.2	72.0	72.0	72.0	72.0	72.3	72.3	72.3	72.3
GE 6000			53.1	67.0	69.9	70.2	71.2	71.2	72.0	72.0	72.0	72.0	72.3	72.3	72.3	72.3
GE 5000			66.0	79.8	82.7	83.0	84.0	84.0	84.8	84.8	84.8	84.8	85.1	85.1	85.1	85.1
GE 4500			66.0	79.8	82.7	83.0	84.0	84.0	84.8	84.8	84.8	84.8	85.1	85.1	85.1	85.1
GE 4000			66.0	79.8	82.7	83.0	84.0	84.0	84.8	84.8	84.8	84.8	85.1	85.1	85.1	85.1
GE 3500			66.0	79.8	82.7	83.0	84.0	84.0	84.8	84.8	84.8	84.8	85.1	85.1	85.1	85.1
GE 3000			66.2	80.1	83.0	83.2	84.3	84.3	85.1	85.1	85.1	85.1	85.3	85.3	85.3	85.3
GE 2500			66.2	80.1	83.2	83.5	84.6	84.6	85.3	85.3	85.3	85.3	85.6	85.6	85.6	85.6
GE 2000			66.8	80.9	84.0	84.3	85.3	85.3	86.1	86.1	86.1	86.1	86.4	86.4	86.4	86.4
GE 1800			66.8	80.9	84.0	84.3	85.3	85.3	86.6	86.6	86.6	86.6	86.9	86.9	86.9	86.9
GE 1500	.3		71.2	86.9	90.5	90.8	92.1	92.1	93.5	93.5	93.5	93.5	93.7	93.7	93.7	93.7
GE 1200	.3		73.6	89.8	94.0	94.2	95.5	95.5	97.1	97.1	97.1	97.1	97.4	97.4	97.4	97.4
GE 1000	.3		75.7	91.9	96.1	96.3	97.6	97.6	99.2	99.2	99.2	99.2	99.5	99.5	99.5	99.5
GE 900	.3		75.7	91.9	96.1	96.3	97.6	97.6	99.2	99.2	99.2	99.2	99.5	99.5	99.5	99.5
GE 800	.3		75.7	91.9	96.1	96.3	97.6	97.6	99.2	99.2	99.2	99.2	99.5	99.5	99.5	99.5
GE 700	.3		75.7	91.9	96.1	96.3	97.6	97.6	99.2	99.2	99.2	99.2	99.5	99.5	99.5	99.5
GE 600	.3		75.7	91.9	96.1	96.3	97.6	97.6	99.2	99.2	99.2	99.2	99.5	99.5	99.5	99.5
GE 500	.3		75.9	92.1	96.3	96.6	97.9	97.9	99.5	99.5	99.5	99.5	99.7	99.7	99.7	99.7
GE 400	.3		75.9	92.1	96.3	96.6	97.9	97.9	99.5	99.5	99.5	99.5	99.7	99.7	99.7	99.7
GE 300	.3		75.9	92.1	96.3	96.6	97.9	97.9	99.5	99.5	99.5	99.5	99.7	99.7	99.7	99.7
GE 200	.3		75.9	92.1	96.3	96.6	97.9	97.9	99.5	99.5	99.5	99.5	99.7	99.7	99.7	99.7
GE 100	.3		75.9	92.1	96.3	96.6	97.9	97.9	99.5	99.5	99.5	99.5	99.7	99.7	99.7	99.7
GE 00	.3		75.9	92.1	96.3	96.6	97.9	97.9	99.5	99.5	99.5	99.5	99.7	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS: 332

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 616410 STATION NAME: DAKAR SENEGAL

PERIOD OF RECORD: 75-84
MONTH: JUN HOURS(IST): 1900-2300

CEILING IN FEET	1	VISIBILITY IN STATUTE MILES							1	3/4	5/8	1/2	5/16	1/4	0
		GE	GE	GE	GE	GE	GE	GE							
10	0	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4	0
NO CEIL	.5	26.5	35.0	38.3	38.5	38.7	39.7	39.7	39.9	40.4	40.4	40.4	43.4	40.4	43.4
GE 26000	.5	33.8	45.8	49.5	49.8	53.3	50.3	53.9	51.2	51.6	51.6	51.6	51.6	51.6	51.6
GE 18000	.5	33.8	45.8	49.5	49.8	53.3	50.3	53.9	51.2	51.6	51.6	51.6	51.6	51.6	51.6
GE 16000	.5	33.8	45.8	49.5	49.8	50.0	50.0	50.9	51.2	51.6	51.6	51.6	51.6	51.6	51.6
GE 14000	.5	35.9	48.1	51.9	52.1	52.3	52.3	53.3	53.5	54.0	54.0	54.0	54.0	54.0	54.0
GE 12000	.5	44.4	59.6	54.1	64.3	64.8	64.8	65.7	65.0	65.4	66.4	66.4	66.4	65.4	65.4
GE 10000	.5	44.4	59.6	54.1	64.3	64.8	64.8	65.7	65.0	65.4	66.4	66.4	66.4	65.4	65.4
GE 9000	.5	44.4	59.6	54.1	64.3	64.8	64.8	65.7	65.0	65.4	66.4	66.4	66.4	65.4	65.4
GE 8000	.5	44.4	59.6	54.1	64.3	64.8	64.8	65.7	65.0	65.4	66.4	66.4	66.4	65.4	65.4
GE 7000	.5	44.4	59.6	54.1	64.3	64.8	64.8	65.7	65.0	65.4	66.4	66.4	66.4	65.4	65.4
GE 6000	.5	44.4	59.6	54.1	64.3	64.8	64.8	65.7	65.0	65.4	66.4	66.4	66.4	65.4	65.4
GE 5000	.5	55.9	71.1	75.5	75.8	75.3	75.3	77.2	77.5	77.9	77.9	77.9	77.9	77.9	77.9
GE 4500	.5	55.9	71.1	75.5	75.8	75.3	75.3	77.2	77.5	77.9	77.9	77.9	77.9	77.9	77.9
GE 4000	.5	55.9	71.1	75.5	75.8	75.3	75.3	77.2	77.5	77.9	77.9	77.9	77.9	77.9	77.9
GE 3500	.5	55.9	71.1	75.5	75.8	75.3	75.3	77.2	77.5	77.9	77.9	77.9	77.9	77.9	77.9
GE 3000	.5	56.1	71.6	76.1	76.3	76.8	75.8	77.7	77.9	78.4	78.4	78.4	78.4	78.4	78.4
GE 2500	.5	56.1	71.6	76.1	76.3	75.8	75.8	77.7	77.9	78.4	78.4	78.4	78.4	78.4	78.4
GE 2000	.5	57.0	72.8	77.5	77.7	78.2	78.2	79.1	79.3	79.8	79.8	79.8	79.8	79.8	79.8
GE 1800	.5	57.0	72.8	77.5	77.7	78.2	78.2	79.1	79.3	79.8	79.8	79.8	79.8	79.8	79.8
GE 1600	.5	64.6	81.0	95.7	85.9	95.4	95.4	87.6	87.9	98.5	98.5	98.5	98.5	98.5	98.5
GE 1400	.5	69.5	86.9	92.3	92.5	93.2	93.2	94.4	94.6	95.3	95.3	95.3	95.3	95.3	95.3
GE 1000	.5	72.8	91.3	96.5	96.9	97.7	97.7	98.8	99.1	99.8	99.8	99.8	99.8	99.8	99.8
GE 900	.5	72.8	91.3	96.5	96.9	97.7	97.7	98.8	99.1	99.8	99.8	99.8	99.8	99.8	99.8
GE 800	.5	73.0	91.5	96.7	97.2	97.9	97.9	99.1	99.3	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	.5	73.0	91.5	96.7	97.2	97.9	97.9	99.1	99.3	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	.5	73.0	91.5	96.7	97.2	97.9	97.9	99.1	99.3	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	.5	73.0	91.5	96.7	97.2	97.9	97.9	99.1	99.3	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	.5	73.0	91.5	96.7	97.2	97.9	97.9	99.1	99.3	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	.5	73.0	91.5	96.7	97.2	97.9	97.9	99.1	99.3	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	.5	73.0	91.5	96.7	97.2	97.9	97.9	99.1	99.3	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	.5	73.0	91.5	96.7	97.2	97.9	97.9	99.1	99.3	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	.5	73.0	91.5	96.7	97.2	97.9	97.9	99.1	99.3	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 426

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 616410 STATION NAME: DAKAR SENEGAL

PERIOD OF RECORD: 73-94
MONTH: JUN 10JRS(LST): 2100-2300

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	1	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2	GE 1 1/2	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 1/8	GE 0
NO CEIL		21.9	38.9	42.3	42.0	43.2	43.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2
GE 20000		26.6	46.5	49.7	49.7	51.5	51.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5
GE 18000		26.6	46.5	49.7	49.7	51.5	51.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5
GE 16000		26.6	46.5	49.7	49.7	51.5	51.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5
GE 14000		27.6	48.5	51.3	51.8	53.5	53.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5
GE 12000		32.7	57.5	61.3	62.1	64.3	64.3	65.3	65.3	65.6	65.6	65.6	65.6	65.6	65.6	65.6
GE 10000		32.7	57.5	61.3	62.1	64.3	64.3	65.3	65.3	65.6	65.6	65.6	65.6	65.6	65.6	65.6
GE 9000		32.7	57.5	61.3	62.1	64.3	64.3	65.3	65.3	65.6	65.6	65.6	65.6	65.6	65.6	65.6
GE 8000		32.7	57.5	61.3	62.1	64.3	64.3	65.3	65.3	65.6	65.6	65.6	65.6	65.6	65.6	65.6
GE 7000		32.7	57.5	61.3	62.1	64.3	64.3	65.3	65.3	65.6	65.6	65.6	65.6	65.6	65.6	65.6
GE 6000		32.7	57.5	61.3	62.1	64.3	64.3	65.3	65.3	65.6	65.6	65.6	65.6	65.6	65.6	65.6
GE 5000		48.0	72.9	77.1	77.4	79.6	79.6	80.7	80.7	80.9	80.9	80.9	80.9	80.9	80.9	80.9
GE 4500		48.0	72.9	77.1	77.4	79.6	79.6	80.7	80.7	80.9	80.9	80.9	80.9	80.9	80.9	80.9
GE 4000		48.2	73.1	77.4	77.6	79.9	79.9	80.9	80.9	81.2	81.2	81.2	81.2	81.2	81.2	81.2
GE 3500		48.2	73.1	77.4	77.6	79.9	79.9	80.9	80.9	81.2	81.2	81.2	81.2	81.2	81.2	81.2
GE 3000		48.5	73.6	77.7	78.1	80.4	80.4	81.4	81.4	81.7	81.7	81.7	81.7	81.7	81.7	81.7
GE 2500		48.5	73.6	77.7	78.1	80.4	80.4	81.4	81.4	81.7	81.7	81.7	81.7	81.7	81.7	81.7
GE 2000		48.7	73.9	78.1	78.4	80.7	80.7	81.7	81.7	81.9	81.9	81.9	81.9	81.9	81.9	81.9
GE 1800		48.7	73.9	78.1	78.4	80.7	80.7	81.7	81.7	81.9	81.9	81.9	81.9	81.9	81.9	81.9
GE 1500		50.0	76.6	81.4	81.7	83.9	83.9	84.9	84.9	85.2	85.2	85.2	85.2	85.2	85.2	85.2
GE 1200		54.0	85.4	90.3	90.7	93.0	93.0	94.2	94.2	94.5	94.5	94.5	94.5	94.5	94.5	94.5
GE 1000		57.3	90.2	95.7	96.0	98.2	98.2	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 900		57.3	90.2	95.7	96.0	98.2	98.2	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 800		57.5	90.5	96.0	96.2	98.5	98.5	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700		57.5	90.5	96.0	96.2	98.5	98.5	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600		57.5	90.5	96.0	96.2	98.5	98.5	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500		57.5	90.5	96.0	96.2	98.5	98.5	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400		57.5	90.5	96.0	96.2	98.5	98.5	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300		57.5	90.5	96.0	96.2	98.5	98.5	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200		57.5	90.5	96.0	96.2	98.5	98.5	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100		57.5	90.5	96.0	96.2	98.5	98.5	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0		57.5	90.5	96.0	96.2	98.5	98.5	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 378

GLOBAL CLIMATOLOGY BRANCH
USAF/ETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 618413 STATION NAME: DAKAR SENEGAL

PERIOD OF RECORD: 75-84
MONTH: JUN 1993 (577) ALL

CEILING IN FEET	1	VISIBILITY IN STATUTE MILES										1	3/4	5/8	1/2	5/16	1/4	0
		GE	GE	GE	GE	GE	GE	GE	GE	GE	GE							
NO CEIL	1	.1	23.5	39.2	42.5	42.9	43.9	43.9	44.7	44.8	44.8	44.8	44.8	44.8	44.3	44.3	44.8	44.9
GE 20000	.2	28.5	47.8	51.9	52.2	53.4	53.4	54.2	54.2	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3
GE 18000	.2	28.5	47.8	51.9	52.2	53.4	53.4	54.2	54.2	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3
GE 16000	.2	28.5	47.8	51.9	52.2	53.4	53.4	54.2	54.2	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3
GE 14000	.2	29.4	49.2	53.3	53.6	54.3	54.8	55.6	55.6	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.3
GE 12000	.2	37.0	62.2	67.3	68.1	69.6	69.6	70.3	70.3	70.4	70.4	70.4	70.4	70.5	70.5	70.5	70.5	70.5
GE 10000	.2	37.0	62.3	67.7	68.2	69.6	69.6	70.4	70.4	70.5	70.5	70.5	70.5	70.6	70.6	70.6	70.6	70.7
GE 9000	.2	37.0	62.3	67.7	68.2	69.6	69.6	70.4	70.4	70.5	70.5	70.5	70.5	70.6	70.6	70.6	70.6	70.7
GE 8000	.2	37.0	62.3	67.7	68.2	69.6	69.6	70.4	70.4	70.5	70.5	70.5	70.5	70.6	70.6	70.6	70.6	70.7
GE 7000	.2	37.0	62.3	67.7	68.2	69.6	69.6	70.4	70.4	70.5	70.5	70.5	70.5	70.6	70.6	70.6	70.6	70.7
GE 6000	.2	37.0	62.3	67.7	68.2	69.6	69.6	70.4	70.4	70.5	70.5	70.5	70.5	70.6	70.6	70.6	70.6	70.7
GE 5000	.2	48.1	73.4	78.3	79.3	80.7	80.7	81.5	81.5	81.6	81.6	81.6	81.6	81.7	81.7	81.7	81.7	81.3
GE 4500	.2	48.1	73.4	78.3	79.3	80.7	80.7	81.5	81.5	81.6	81.6	81.6	81.6	81.7	81.7	81.7	81.7	81.3
GE 4000	.2	48.1	73.4	78.3	79.3	80.7	80.7	81.5	81.5	81.6	81.6	81.6	81.6	81.7	81.7	81.7	81.7	81.3
GE 3500	.2	48.1	73.4	78.3	79.3	80.7	80.7	81.5	81.5	81.6	81.6	81.6	81.6	81.7	81.7	81.7	81.7	81.3
GE 3000	.2	48.2	73.7	79.1	79.6	81.0	81.0	81.8	81.8	81.9	81.9	81.9	81.9	82.0	82.0	82.0	82.0	82.1
GE 2500	.2	48.2	73.7	79.2	79.6	81.0	81.0	81.9	81.9	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.1
GE 2000	.2	48.6	74.3	79.3	80.2	81.6	81.6	82.4	82.4	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.7
GE 1800	.2	48.7	74.3	79.3	80.3	81.5	81.5	82.5	82.5	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.3
GE 1500	.2	52.3	79.5	85.1	85.6	87.1	87.1	87.9	87.9	88.1	88.1	88.1	88.1	88.2	88.2	88.2	88.2	88.2
GE 1200	.2	55.4	85.1	91.3	91.8	93.3	93.3	94.2	94.3	94.4	94.4	94.4	94.4	94.5	94.5	94.5	94.5	94.5
GE 1000	.2	58.2	89.6	96.1	96.6	98.1	98.1	99.1	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.4
GE 900	.2	58.2	89.6	96.1	96.6	98.1	98.1	99.1	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.4
GE 800	.2	58.6	90.1	96.3	97.1	98.5	98.5	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9
GE 700	.3	58.6	90.1	96.3	97.2	98.6	98.6	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9
GE 600	.3	58.6	90.2	96.3	97.2	98.7	98.7	99.7	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	100.0
GE 500	.3	58.7	90.2	96.7	97.2	98.7	98.7	99.7	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	100.0
GE 400	.3	58.7	90.2	96.7	97.2	98.7	98.7	99.7	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	100.0
GE 300	.3	58.7	90.2	96.7	97.2	98.7	98.7	99.7	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	100.0
GE 200	.3	58.7	90.2	96.7	97.2	98.7	98.7	99.7	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	100.0
GE 100	.3	58.7	90.2	96.7	97.2	98.7	98.7	99.7	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	100.0
GE 0	.3	58.7	90.2	96.7	97.2	98.7	98.7	99.7	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS: 5751

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 615410 STATION NAME: DAKAR SENEGAL

PERIOD OF RECORD: 75-84
MONTH: JUL 403512511: 1100-1200

CEILING IN FEET	1	VISIBILITY IN STATUTE MILES															
		GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
00000	1	2	33.9	44.7	44.7	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9
00000	2	41.1	51.3	53.3	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5
00000	2	41.1	53.3	53.3	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5
00000	2	41.1	53.3	53.3	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5
00000	2	41.3	53.5	53.5	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7
00000	2	49.6	64.6	64.6	65.3	65.3	65.3	65.3	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
00000	2	49.8	65.0	65.4	65.7	65.7	65.7	65.7	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
00000	2	49.8	65.0	65.4	65.7	65.7	65.7	65.7	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
00000	2	49.8	65.0	65.4	65.7	65.7	65.7	65.7	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
00000	2	49.8	65.0	65.4	65.7	65.7	65.7	65.7	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
00000	2	56.7	72.0	72.4	72.6	72.6	72.6	72.6	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
00000	2	56.7	72.0	72.4	72.6	72.6	72.6	72.6	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
00000	2	56.7	72.0	72.4	72.6	72.6	72.6	72.6	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
00000	2	56.7	72.0	72.4	72.6	72.6	72.6	72.6	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
00000	2	57.5	72.8	73.4	73.6	73.6	73.6	73.6	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
00000	2	57.5	72.8	73.4	73.6	73.6	73.6	73.6	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
00000	2	58.3	73.6	74.2	74.4	74.4	74.4	74.4	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
00000	2	58.3	73.6	74.2	74.4	74.4	74.4	74.4	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
00000	2	65.9	83.1	83.7	83.9	83.9	83.9	83.9	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
00000	2	72.0	93.5	94.3	94.7	94.7	94.7	94.7	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
00000	2	75.0	97.1	98.3	98.8	98.8	98.8	98.8	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
00000	2	75.0	97.0	98.3	98.8	98.8	98.8	98.8	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
00000	2	75.2	97.2	98.3	99.3	99.3	99.3	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
00000	2	75.4	97.4	99.1	99.2	99.2	99.2	99.2	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
00000	2	75.4	97.4	99.1	99.2	99.2	99.2	99.2	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
00000	2	75.4	97.4	99.1	99.2	99.2	99.2	99.2	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
00000	2	75.4	97.4	99.1	99.2	99.2	99.2	99.2	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
00000	2	75.6	97.6	99.2	99.4	99.4	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
00000	2	75.6	97.6	99.2	99.4	99.4	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 442

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 615417 STATION NAME: DAKAR SENEGAL

PERIOD OF RECORD: 75-84
MONTH: JUL HOURS(EST): 1300-0500

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL		36.3	44.6	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3
GE 20000		40.6	50.7	50.9	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2
GE 18000		40.6	50.7	50.9	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2
GE 16000		40.6	50.7	50.9	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2
GE 14000		40.6	50.9	51.4	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7
GE 12000		51.2	64.9	55.3	65.4	55.3	65.9	65.4	55.8	65.8	65.9	65.8	55.3	65.3	65.3	55.3
GE 10000		51.2	64.9	55.3	65.4	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.4	65.4	65.3	55.3
GE 9000		51.2	64.9	55.3	65.4	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.4	65.3	65.3	55.3
GE 8000		51.2	64.9	55.3	65.4	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.3	65.3	65.3	55.3
GE 7000		51.2	64.9	55.3	65.4	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.3	65.3	65.3	55.3
GE 6000		51.2	64.9	55.3	65.4	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.3	65.3	65.3	55.3
GE 5000		59.2	72.6	73.3	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
GE 4500		59.2	72.6	73.3	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
GE 4000		59.2	72.9	73.3	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	74.1	74.1
GE 3500		59.2	72.9	73.3	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	74.1	74.1
GE 3000		61.1	75.2	76.2	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.7	76.7
GE 2500		61.3	75.5	76.4	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.9	76.9
GE 2000		61.6	76.4	77.4	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.8	77.8
GE 1800		61.6	76.4	77.4	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.9	77.9
GE 1500		68.6	84.9	95.3	86.1	85.1	86.1	86.1	85.1	85.1	85.1	85.1	85.1	85.1	85.3	85.3
GE 1200		75.2	94.3	95.3	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.3	95.3
GE 1000		78.3	97.6	98.3	99.3	99.3	99.3	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.3	99.3
GE 900		78.3	97.6	98.3	99.3	99.3	99.3	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.3	99.3
GE 800		78.5	97.9	99.1	99.5	99.5	99.5	99.5	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0
GE 700		78.5	97.9	99.1	99.5	99.5	99.5	99.5	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0
GE 600		78.5	97.9	99.1	99.5	99.5	99.5	99.5	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0
GE 500		78.5	97.9	99.1	99.5	99.5	99.5	99.5	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0
GE 400		78.5	97.9	99.1	99.5	99.5	99.5	99.5	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0
GE 300		78.5	97.9	99.1	99.5	99.5	99.5	99.5	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0
GE 200		78.5	97.9	99.1	99.5	99.5	99.5	99.5	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0
GE 100		78.5	97.9	99.1	99.5	99.5	99.5	99.5	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 424

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/4AC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 615413 STATION NAME: DAKAR SENEGAL

PERIOD OF RECORD: 75-84
MONTH: JUL 4095 (LST): 3507-7800

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 1	GE 3	GE 5	GE 7	GE 9	GE 11	GE 13	GE 15	GE 17	GE 19	GE 21	GE 23	GE 25	GE 27	GE 29	GE 31
NO CEIL		27.3	35.4	35.5	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6
GE 20000		33.6	43.7	43.7	43.7	43.7	43.7	43.7	44.1	44.3	44.3	44.3	44.3	44.3	44.3	44.3
GE 18000		33.6	43.7	43.7	43.7	43.7	43.7	43.7	44.1	44.3	44.3	44.3	44.3	44.3	44.3	44.3
GE 16000		33.6	43.7	44.1	44.1	44.1	44.1	44.1	44.3	44.5	44.5	44.5	44.5	44.5	44.5	44.5
GE 14000		34.6	45.1	45.7	45.7	45.7	45.7	45.7	46.3	46.2	46.2	46.2	46.2	46.2	46.2	46.2
GE 12000		48.4	62.6	63.3	63.3	63.3	63.3	63.3	64.0	64.2	64.2	64.2	64.2	64.2	64.2	64.2
GE 10000		48.4	63.0	64.2	64.2	64.2	64.2	64.2	64.4	64.6	64.6	64.6	64.6	64.6	64.6	64.6
GE 8000		48.4	63.0	64.2	64.2	64.2	64.2	64.2	64.4	64.6	64.6	64.6	64.6	64.6	64.6	64.6
GE 7000		48.4	63.0	64.2	64.2	64.2	64.2	64.2	64.4	64.6	64.6	64.6	64.6	64.6	64.6	64.6
GE 6000		48.4	63.0	64.2	64.2	64.2	64.2	64.2	64.4	64.6	64.6	64.6	64.6	64.6	64.6	64.6
GE 5000		52.6	67.2	68.4	68.4	68.4	68.4	68.4	68.6	68.8	68.8	68.8	68.8	68.8	68.8	68.8
GE 4500		52.6	67.2	68.4	68.4	68.4	68.4	68.4	68.6	68.8	68.8	68.8	68.8	68.8	68.8	68.8
GE 4000		52.6	67.2	68.4	68.4	68.4	68.4	68.4	68.6	68.8	68.8	68.8	68.8	68.8	68.8	68.8
GE 3500		52.6	67.2	68.4	68.4	68.4	68.4	68.4	68.6	68.8	68.8	68.8	68.8	68.8	68.8	68.8
GE 3000		53.0	67.8	69.0	69.0	69.0	69.0	69.0	69.2	69.4	69.4	69.4	69.4	69.4	69.4	69.4
GE 2500		53.6	68.4	69.5	69.5	69.5	69.5	69.5	69.7	70.0	70.0	70.0	70.0	70.0	70.0	70.0
GE 2000		54.5	69.4	70.5	70.5	70.5	70.5	70.5	70.7	71.1	71.1	71.1	71.1	71.1	71.1	71.1
GE 1800		54.5	69.4	70.5	70.5	70.5	70.5	70.5	70.7	71.1	71.1	71.1	71.1	71.1	71.1	71.1
GE 1500		62.8	79.6	81.3	81.3	81.3	81.3	81.3	81.6	81.4	81.4	81.4	81.4	81.4	81.4	81.4
GE 1200		68.8	90.7	92.1	92.1	92.1	92.1	92.1	92.3	92.7	92.7	92.7	92.7	92.7	92.7	92.7
GE 1000		74.3	97.4	98.3	98.3	98.3	98.3	98.3	98.5	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 900		74.3	97.4	98.3	98.3	98.3	98.3	98.3	98.5	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 800		74.5	97.6	99.0	99.0	99.0	99.0	99.0	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 700		74.5	97.6	99.0	99.0	99.0	99.0	99.0	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 600		74.7	97.8	99.2	99.2	99.2	99.2	99.2	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0
GE 500		74.7	97.8	99.2	99.2	99.2	99.2	99.2	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0
GE 400		74.7	97.8	99.2	99.2	99.2	99.2	99.2	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0
GE 300		74.7	97.8	99.2	99.2	99.2	99.2	99.2	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0
GE 200		74.7	97.8	99.2	99.2	99.2	99.2	99.2	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0
GE 100		74.7	97.8	99.2	99.2	99.2	99.2	99.2	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0
GE 0		74.7	97.8	99.2	99.2	99.2	99.2	99.2	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 474

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DAKAR SENEGAL LIMITED SURFACE OBSERVATIONS CLIMATIC
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TECHNICAL APPLICATIONS CENTER SCOTT A. SEP 85
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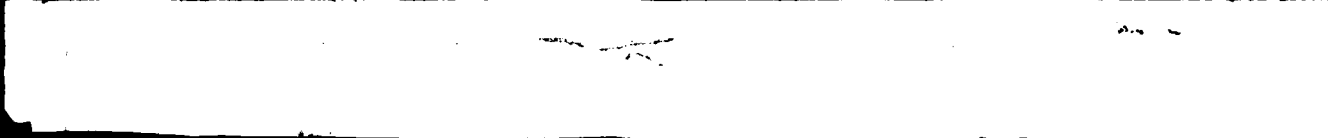
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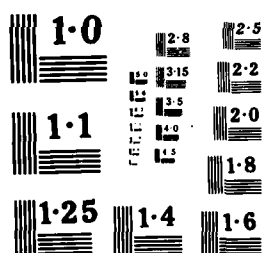
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GLOBAL CLIMATOLOGY BRANCH
USAF/CLAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 615410 STATION NAME: DAKAR SENEGAL

PERIOD OF RECORD: 75-84
MONTH: JUL HOURS(IST): 0900-1100

CEILING IN FEET	1	VISIBILITY IN STATUTE MILES														
		GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4
NO CEIL	1	.2	25.1	26.0	26.4	26.4	26.4	26.4	25.7	26.7	25.7	26.7	26.7	25.7	25.7	26.7
GE 20000	1	.2	36.9	38.7	39.2	39.2	39.2	39.2	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4
GE 18000	1	.2	36.9	38.7	39.2	39.2	39.2	39.2	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4
GE 16000	1	.2	36.9	38.7	39.2	39.2	39.2	39.2	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4
GE 14000	1	.2	37.1	39.0	39.4	39.4	39.4	39.4	39.9	39.9	39.9	39.9	39.9	40.1	40.1	40.1
GE 12000	1	.2	49.0	52.2	52.5	52.8	52.8	52.8	53.3	53.3	53.3	53.3	53.3	53.5	53.5	53.5
GE 10000	1	.2	49.0	52.2	52.5	52.8	52.8	52.8	53.3	53.3	53.3	53.3	53.3	53.5	53.5	53.5
GE 9000	1	.2	49.0	52.2	52.5	52.8	52.8	52.8	53.3	53.3	53.3	53.3	53.3	53.5	53.5	53.5
GE 8000	1	.2	49.0	52.2	52.5	52.8	52.8	52.8	53.3	53.3	53.3	53.3	53.3	53.5	53.5	53.5
GE 7000	1	.2	49.0	52.2	52.5	52.8	52.8	52.8	53.3	53.3	53.3	53.3	53.3	53.5	53.5	53.5
GE 6000	1	.2	49.0	52.2	52.5	52.8	52.8	52.8	53.3	53.3	53.3	53.3	53.3	53.5	53.5	53.5
GE 5000	1	.2	55.1	58.3	58.3	59.0	59.0	59.0	59.5	59.5	59.5	59.5	59.5	59.7	59.7	59.7
GE 4500	1	.2	55.1	58.3	58.3	59.0	59.0	59.0	59.5	59.5	59.5	59.5	59.5	59.7	59.7	59.7
GE 4000	1	.2	55.1	58.3	58.3	59.0	59.0	59.0	59.5	59.5	59.5	59.5	59.5	59.7	59.7	59.7
GE 3500	1	.2	55.1	58.3	58.3	59.0	59.0	59.0	59.5	59.5	59.5	59.5	59.5	59.7	59.7	59.7
GE 3000	1	.2	55.6	58.8	59.2	59.5	59.5	59.5	59.9	59.9	59.9	59.9	59.9	60.1	60.1	60.1
GE 2500	1	.2	56.5	59.7	60.1	60.4	60.4	60.4	60.8	60.8	60.8	60.8	60.8	61.0	61.0	61.0
GE 2000	1	.2	62.0	65.1	65.5	65.8	65.8	65.8	66.3	66.3	66.3	66.3	66.3	66.5	66.5	66.5
GE 1800	1	.2	62.0	65.1	65.5	65.8	65.8	65.8	66.3	66.3	66.3	66.3	66.3	66.5	66.5	66.5
GE 1600	1	.5	78.8	83.4	83.3	84.1	84.1	84.1	84.5	84.5	84.5	84.5	84.5	84.7	84.7	84.7
GE 1400	1	.5	88.2	94.3	95.3	95.2	95.2	95.2	95.7	95.7	95.7	95.7	95.7	95.9	95.9	95.9
GE 1000	1	.5	91.3	97.9	98.3	99.1	99.1	99.1	99.5	99.5	99.5	99.5	99.5	99.8	99.8	99.8
GE 900	1	.5	91.3	97.9	98.3	99.1	99.1	99.1	99.5	99.5	99.5	99.5	99.5	99.8	99.8	99.8
GE 800	1	.5	91.3	97.9	98.3	99.3	99.3	99.3	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0
GE 700	1	.5	91.3	97.9	98.3	99.3	99.3	99.3	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0
GE 600	1	.5	91.3	97.9	98.3	99.3	99.3	99.3	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0
GE 500	1	.5	91.3	97.9	98.3	99.3	99.3	99.3	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0
GE 400	1	.5	91.3	97.9	98.3	99.3	99.3	99.3	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0
GE 300	1	.5	91.3	97.9	98.3	99.3	99.3	99.3	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0
GE 200	1	.5	91.3	97.9	98.3	99.3	99.3	99.3	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0
GE 100	1	.5	91.3	97.9	98.3	99.3	99.3	99.3	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0
GE 01	1	.5	91.3	97.9	98.3	99.3	99.3	99.3	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 459

GLOBAL CLIMATOLOGY BRANCH
USAF/ETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 616413 STATION NAME: JAKAR SENEGAL

PERIOD OF RECORD: 75-84
MONTH: JUL HOURS (LST): 1200-1400

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 3
NO CEIL	29.2	31.0	31.4	31.4	31.4	31.4	31.4	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6
GE 200J0	40.5	42.7	43.1	43.1	43.1	43.1	43.1	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3
GE 180J0	40.5	42.7	43.1	43.1	43.1	43.1	43.1	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3
GE 160J0	40.5	42.7	43.1	43.1	43.1	43.1	43.1	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3
GE 140J0	41.5	43.7	44.1	44.1	44.1	44.1	44.1	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
GE 120J0	54.2	57.5	58.1	58.1	58.1	58.1	58.3	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5
GE 100J0	54.6	57.9	58.3	58.3	58.3	58.3	58.3	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9
GE 90J0	54.6	57.9	58.3	58.3	58.3	58.3	58.3	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9
GE 80J0	54.6	57.9	58.3	58.3	58.3	58.3	58.3	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9
GE 70J0	54.6	57.9	58.3	58.3	58.3	58.3	58.3	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9
GE 60J0	54.6	57.9	58.3	58.3	58.3	58.3	58.3	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9
GE 50J0	60.6	63.9	64.3	64.3	64.3	64.3	64.3	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
GE 45J0	60.6	63.9	64.3	64.3	64.3	64.3	64.3	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
GE 40J0	60.6	63.9	64.3	64.3	64.3	64.3	64.3	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
GE 35J0	60.6	63.9	64.3	64.3	64.3	64.3	64.3	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
GE 30J0	60.8	64.5	65.1	65.1	65.1	65.1	65.3	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5
GE 25J0	61.6	65.3	65.9	65.9	65.9	65.9	65.9	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
GE 20J0	69.0	72.7	73.3	73.3	73.3	73.3	73.5	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
GE 18J0	69.0	72.7	73.3	73.3	73.3	73.3	73.5	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
GE 15J0	85.4	90.6	91.3	91.3	91.3	91.3	92.2	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
GE 12J0	90.6	95.9	97.3	97.3	97.3	97.3	97.7	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 10J0	92.6	97.9	99.4	99.4	99.4	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 9J0	92.6	97.9	99.4	99.4	99.4	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 8J0	92.6	97.9	99.4	99.4	99.4	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 7J0	92.6	97.9	99.4	99.4	99.4	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 6J0	92.6	97.9	99.4	99.4	99.4	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 5J0	92.6	97.9	99.4	99.4	99.4	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 4J0	92.6	97.9	99.4	99.4	99.4	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 3J0	92.6	97.9	99.4	99.4	99.4	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 2J0	92.6	97.9	99.4	99.4	99.4	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1J0	92.6	97.9	99.4	99.4	99.4	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	92.6	97.9	99.4	99.4	99.4	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 437

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 616410 STATION NAME: DAKAR SENEGAL

PERIOD OF RECORD: 75-84
MONTH: JUL HOURS (LST): 1500-1700

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 1/8
NO CEIL	29.8	31.6	32.1	32.1	32.1	32.1	32.1	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3
GE 20000	41.5	43.8	44.2	44.2	44.2	44.2	44.2	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5
GE 18000	41.6	44.0	44.5	44.5	44.5	44.5	44.5	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7
GE 16000	41.8	44.0	44.5	44.5	44.5	44.5	44.5	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7
GE 14000	42.9	45.1	45.5	45.6	45.6	45.6	45.6	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8
GE 12000	57.1	59.6	60.3	60.3	60.3	60.3	60.3	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5
GE 10000	57.1	59.6	60.3	60.3	60.3	60.3	60.3	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5
GE 9000	57.1	59.6	60.3	60.3	60.3	60.3	60.3	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5
GE 8000	57.1	59.6	60.3	60.3	60.3	60.3	60.3	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5
GE 7000	57.1	59.6	60.3	60.3	60.3	60.3	60.3	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5
GE 6000	57.1	59.6	60.3	60.3	60.3	60.3	60.3	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5
GE 5000	61.4	63.9	64.5	64.6	64.6	64.6	64.6	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
GE 4500	61.4	63.9	64.5	64.6	64.6	64.6	64.6	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
GE 4000	61.4	63.9	64.5	64.6	64.6	64.6	64.6	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
GE 3500	61.4	63.9	64.5	64.6	64.6	64.6	64.6	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
GE 3000	63.4	66.1	66.3	66.3	66.3	66.3	66.3	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
GE 2500	64.8	67.5	68.2	68.2	68.2	68.2	68.2	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
GE 2000	73.1	76.5	77.2	77.2	77.2	77.2	77.2	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
GE 1800	73.4	76.7	77.4	77.4	77.4	77.4	77.4	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
GE 1500	87.8	92.1	93.0	93.0	93.0	93.0	93.0	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
GE 1200	92.1	96.4	97.3	97.3	97.3	97.3	97.3	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 1000	94.1	98.4	99.3	99.3	99.3	99.3	99.3	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 900	94.1	98.4	99.3	99.3	99.3	99.3	99.3	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 800	94.1	98.4	99.3	99.3	99.3	99.3	99.3	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 700	94.1	98.4	99.3	99.3	99.3	99.3	99.3	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 600	94.1	98.4	99.3	99.3	99.3	99.3	99.3	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 500	94.1	98.4	99.3	99.3	99.3	99.3	99.3	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 400	94.1	98.4	99.3	99.3	99.3	99.3	99.3	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 300	94.1	98.4	99.3	99.3	99.3	99.3	99.3	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 200	94.1	98.4	99.3	99.3	99.3	99.3	99.3	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 100	94.1	98.4	99.3	99.3	99.3	99.3	99.3	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 0	94.1	98.4	99.3	99.3	99.3	99.3	99.3	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS: 443

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 616413 STATION NAME: DAKAR SENEGAL

PERIOD OF RECORD: 75-84
MONTH: JUL HOURS(LETS): 1900-2100

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	1	1 1/2	2	2 1/2	3	3 1/2	4	4 1/2	5	5 1/2	6	6 1/2	7	7 1/2	8	8 1/2
NO CELL	1	28.7	29.6	29.3	29.8	30.0	30.0	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2
GE 20000		41.7	42.9	43.3	43.3	43.5	43.5	43.7	43.7	43.7	43.9	43.9	43.9	43.9	43.9	43.9
GE 18000		41.7	42.9	43.3	43.3	43.5	43.5	43.7	43.7	43.7	43.9	43.9	43.9	43.9	43.9	43.9
GE 16000		41.7	42.9	43.3	43.3	43.5	43.5	43.7	43.7	43.7	43.9	43.9	43.9	43.9	43.9	43.9
GE 14000		42.7	43.9	44.4	44.4	44.6	44.6	44.8	44.8	44.8	45.0	45.0	45.0	45.0	45.0	45.0
GE 12000		58.3	61.6	62.4	62.5	62.9	62.8	63.0	63.0	63.0	63.2	63.2	63.2	63.2	63.2	63.2
GE 10000		58.9	62.4	63.4	63.7	63.9	63.9	64.1	64.1	64.1	64.3	64.3	64.3	64.3	64.3	64.3
GE 9000		58.9	62.4	63.4	63.7	63.9	63.9	64.1	64.1	64.1	64.3	64.3	64.3	64.3	64.3	64.3
GE 8000		58.9	62.4	63.4	63.7	63.9	63.9	64.1	64.1	64.1	64.3	64.3	64.3	64.3	64.3	64.3
GE 7000		58.9	62.4	63.4	63.7	63.9	63.9	64.1	64.1	64.1	64.3	64.3	64.3	64.3	64.3	64.3
GE 6000		58.9	62.4	63.4	63.7	63.9	63.9	64.1	64.1	64.1	64.3	64.3	64.3	64.3	64.3	64.3
GE 5000		64.3	67.8	68.3	69.0	69.2	69.2	69.4	69.4	69.4	69.6	69.6	69.6	69.6	69.6	69.6
GE 4500		64.3	67.8	68.3	69.0	69.2	69.2	69.4	69.4	69.4	69.6	69.6	69.6	69.6	69.6	69.6
GE 4000		64.3	67.8	68.3	69.0	69.2	69.2	69.4	69.4	69.4	69.6	69.6	69.6	69.6	69.6	69.6
GE 3500		64.3	67.8	68.3	69.0	69.2	69.2	69.4	69.4	69.4	69.6	69.6	69.6	69.6	69.6	69.6
GE 3000		65.3	69.0	70.3	70.2	70.4	70.4	70.6	70.6	70.6	70.8	70.8	70.8	70.8	70.8	70.8
GE 2500		65.3	69.0	70.3	70.2	70.4	70.4	70.6	70.6	70.6	70.8	70.8	70.8	70.8	70.8	70.8
GE 2000		70.2	73.9	74.2	75.2	75.4	75.4	75.6	75.6	75.6	75.8	75.8	75.8	75.8	75.8	75.8
GE 1800		70.4	74.1	75.2	75.4	75.6	75.6	75.8	75.8	75.8	76.0	76.0	76.0	76.0	76.0	76.0
GE 1600		85.2	90.8	92.2	92.4	92.5	92.6	92.8	92.8	92.8	93.0	93.0	93.0	93.0	93.0	93.0
GE 1400		88.1	93.6	95.1	95.3	95.5	95.5	95.7	95.7	95.7	95.9	95.9	95.9	95.9	95.9	95.9
GE 1000		91.2	96.9	98.3	98.8	99.0	99.0	99.2	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6
GE 900		91.2	96.9	98.3	98.8	99.0	99.0	99.2	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6
GE 800		91.2	96.9	98.3	98.8	99.0	99.0	99.2	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6
GE 700		91.2	96.9	98.3	98.8	99.0	99.0	99.2	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6
GE 600		91.2	96.9	98.3	98.8	99.0	99.0	99.2	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6
GE 500		91.2	96.9	98.3	98.8	99.0	99.0	99.2	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6
GE 400		91.2	96.9	98.3	98.8	99.0	99.0	99.2	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6
GE 300		91.2	97.1	98.3	99.0	99.2	99.2	99.4	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8
GE 200		91.2	97.1	98.3	99.0	99.2	99.2	99.4	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8
GE 100		91.4	97.3	99.0	99.2	99.4	99.4	99.6	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 437

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 616410 STATION NAME: DAKAR SENEGAL

PERIOD OF RECORD: 75-84
MONTH: JUL HOURS(IST): 2100-2300

CEILING IN FEET	VISIBILITY IN STATUTE MILES																	
	GE 1	GE 3	GE 5	GE 7	GE 9	GE 11	GE 13	GE 15	GE 17	GE 19	GE 21	GE 23	GE 25	GE 27	GE 29	GE 31	GE 33	GE 35
NO CEIL	1	32.1	38.8	38.3	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0
GE 20000		39.0	47.2	47.2	47.4	47.4	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7
GE 18000		39.0	47.2	47.2	47.4	47.4	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7
GE 16000		39.0	47.2	47.2	47.4	47.4	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7
GE 14000		40.5	49.0	49.3	49.2	49.2	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4
GE 12000		51.4	63.0	63.5	63.7	63.9	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
GE 10000		51.4	63.0	63.7	63.9	64.1	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
GE 9000		51.4	63.0	63.7	63.9	64.1	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
GE 8000		51.4	63.0	63.7	63.9	64.1	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
GE 7000		51.4	63.0	63.7	63.9	64.1	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
GE 6000		51.4	63.0	63.7	63.9	64.1	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
GE 5000		62.6	74.2	74.3	75.1	75.3	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
GE 4500		62.6	74.2	74.3	75.1	75.3	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
GE 4000		62.6	74.2	74.3	75.1	75.3	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
GE 3500		62.6	74.2	74.3	75.1	75.3	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
GE 3000		63.5	75.7	76.5	76.8	77.1	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
GE 2500		63.5	75.7	76.5	76.8	77.1	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
GE 2000	.2	65.0	77.3	78.2	78.4	78.6	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
GE 1800	.2	65.0	77.3	78.2	78.4	78.6	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
GE 1500	.2	75.1	88.4	89.5	89.5	89.8	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
GE 1200	.2	79.1	95.8	96.7	96.9	97.1	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 1000	.2	81.1	98.2	99.1	99.3	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 900	.2	81.1	98.2	99.1	99.3	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 800	.2	81.1	98.2	99.1	99.3	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 700	.2	81.1	98.2	99.1	99.3	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 600	.2	81.1	98.2	99.1	99.3	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 500	.2	81.1	98.2	99.1	99.3	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 400	.2	81.1	98.2	99.1	99.3	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 300	.2	81.1	98.2	99.1	99.3	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 200	.2	81.1	98.2	99.1	99.3	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 100	.2	81.1	98.4	99.3	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	.2	81.1	98.4	99.3	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 949

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 616413 STATION NAME: DAKAR SENEGAL

PERIOD OF RECORD: 75-84
MONTH: JUL 43JRS(EST): ALL

CEILING		VISIBILITY IN STATUTE MILES															
IN	FEET	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 3
NO	CEIL	.1	30.3	35.2	35.3	35.5	35.6	35.5	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7
GE	20000	.1	39.3	45.4	45.7	45.7	45.8	45.8	45.9	45.9	45.9	46.0	46.0	46.0	46.0	46.0	46.0
GE	18000	.1	39.4	45.4	45.7	45.8	45.8	45.8	45.9	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0
GE	16000	.1	39.4	45.4	45.7	45.8	45.8	45.8	45.9	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0
GE	14000	.1	40.2	46.3	46.5	46.7	46.8	46.8	46.9	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0
GE	12000	.1	52.4	60.8	61.4	61.6	61.6	61.7	61.9	61.9	61.9	61.9	61.9	61.9	61.9	62.0	62.0
GE	10000	.1	52.6	61.0	61.3	61.9	62.0	62.0	62.2	62.2	62.2	62.3	62.3	62.3	62.3	62.3	62.3
GE	9000	.1	52.6	61.0	61.3	61.9	62.0	62.0	62.2	62.2	62.2	62.3	62.3	62.3	62.3	62.3	62.3
GE	8000	.1	52.6	61.0	61.3	61.9	62.0	62.0	62.2	62.2	62.2	62.3	62.3	62.3	62.3	62.3	62.3
GE	7000	.1	52.6	61.0	61.3	61.9	62.0	62.0	62.2	62.2	62.2	62.3	62.3	62.3	62.3	62.3	62.3
GE	6000	.1	52.6	61.0	61.3	61.9	62.0	62.0	62.2	62.2	62.2	62.3	62.3	62.3	62.3	62.3	62.3
GE	5000	.1	59.0	67.5	68.2	68.3	68.4	68.5	68.6	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
GE	4500	.1	59.0	67.5	68.2	68.3	68.4	68.5	68.6	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
GE	4000	.1	59.0	67.5	68.2	68.4	68.5	68.5	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.8	68.8
GE	3500	.1	59.0	67.5	68.2	68.4	68.5	68.5	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.8	68.8
GE	3000	.1	60.0	68.7	69.3	69.7	69.7	69.9	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.1	70.1
GE	2500	.1	60.5	69.2	70.0	70.1	70.2	70.3	70.4	70.5	70.5	70.5	70.5	70.5	70.5	70.6	70.6
GE	2000	.1	64.1	73.1	73.2	74.0	74.1	74.2	74.3	74.4	74.4	74.4	74.4	74.4	74.4	74.5	74.5
GE	1800	.1	64.2	73.1	73.2	74.1	74.2	74.2	74.4	74.4	74.4	74.5	74.5	74.5	74.5	74.5	74.5
GE	1500	.1	76.3	86.6	87.5	87.7	87.8	87.9	88.0	88.1	88.1	88.1	88.1	88.1	88.2	88.2	88.2
GE	1200	.1	81.6	94.3	95.4	95.5	95.6	95.7	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.1	96.1
GE	1000	.1	84.7	97.7	98.2	99.1	99.2	99.3	99.5	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7
GE	900	.1	84.7	97.7	98.2	99.1	99.2	99.3	99.5	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7
GE	800	.1	84.7	97.7	98.2	99.2	99.4	99.4	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8
GE	700	.1	84.8	97.8	99.1	99.2	99.4	99.4	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9
GE	600	.1	84.8	97.8	99.1	99.2	99.4	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9
GE	500	.1	84.8	97.8	99.1	99.2	99.4	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9
GE	400	.1	84.8	97.8	99.1	99.2	99.4	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9
GE	300	.1	84.8	97.8	99.1	99.3	99.4	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9
GE	200	.1	84.8	97.8	99.1	99.3	99.4	99.5	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
GE	100	.1	84.8	97.9	99.2	99.4	99.5	99.6	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
GE	00	.1	84.8	97.9	99.2	99.4	99.5	99.6	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 3715

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 616410 STATION NAME: DAKAR SENEGAL

PERIOD OF RECORD: 75-84
MONTH: AUG 4095(LST): 0000-0000

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 1	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4
NO CEIL			36.9	48.0	48.3	48.3	48.3	48.3	48.3	49.0	49.0	48.3	48.3	48.3	48.3	48.3
GE 20000			42.6	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2
GE 18000			42.6	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2
GE 16000			42.6	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2
GE 14000			43.6	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
GE 12000			57.2	76.1	76.9	76.9	76.9	76.9	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
GE 10000			57.4	76.3	77.1	77.1	77.1	77.1	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
GE 9000			57.4	76.3	77.1	77.1	77.1	77.1	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
GE 8000			57.4	76.3	77.1	77.1	77.1	77.1	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
GE 7000			57.4	76.3	77.1	77.1	77.1	77.1	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
GE 6000			57.4	76.3	77.1	77.1	77.1	77.1	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
GE 5000			62.5	81.3	82.2	82.2	82.2	82.2	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
GE 4500			62.5	81.3	82.2	82.2	82.2	82.2	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
GE 4000			62.5	81.3	82.2	82.2	82.2	82.2	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
GE 3500			62.5	81.3	82.2	82.2	82.2	82.2	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
GE 3000			65.7	82.8	83.6	83.6	83.6	83.6	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
GE 2500			65.7	82.8	83.6	83.6	83.6	83.6	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
GE 2000			64.2	83.6	84.5	84.5	84.5	84.5	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
GE 1800			64.2	83.6	84.5	84.5	84.5	84.5	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
GE 1500			70.6	92.0	92.9	92.9	92.9	92.9	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
GE 1200			73.6	98.1	99.2	99.2	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 1000			74.0	98.5	99.3	99.3	99.3	99.3	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 900			74.0	98.5	99.3	99.3	99.3	99.3	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 800			74.0	98.5	99.3	99.3	99.3	99.3	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 700			74.0	98.5	99.3	99.3	99.3	99.3	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 600			74.0	98.5	99.3	99.3	99.3	99.3	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 500			74.0	98.5	99.3	99.3	99.3	99.3	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 400			74.0	98.5	99.3	99.3	99.3	99.3	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 300			74.0	98.5	99.3	99.3	99.3	99.3	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 200			74.0	98.5	99.3	99.3	99.3	99.3	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 100			74.0	98.5	99.3	99.3	99.3	99.3	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 0			74.0	98.5	99.3	99.3	99.3	99.3	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS: 477

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 616413 STATION NAME: DAKAR SENEGAL

PERIOD OF RECORD: 75-84
MONTH: AUG HOURS(EST): 0500-2000

CEILING		VISIBILITY IN STATUTE MILES															
IN	1	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
FEET	1	10	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/15	1/4	0
NO CEIL	1		33.4	42.4	42.9	42.9	42.9	42.9	42.9	42.9	43.1	43.1	43.1	43.1	43.1	43.1	43.1
GE 20000			39.6	49.8	49.3	49.8	49.8	49.8	49.8	49.8	50.0	50.0	50.0	50.0	50.0	50.0	50.0
GE 18000			39.6	49.8	49.3	49.8	49.8	49.8	49.8	49.8	50.0	50.0	50.0	50.0	50.0	50.0	50.0
GE 16000			39.6	49.8	49.3	49.5	49.8	49.8	49.8	49.8	50.0	50.0	50.0	50.0	50.0	50.0	50.0
GE 14000			42.0	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.9	50.9	50.9	50.9	50.9	50.9	50.9
GE 12000			55.5	69.0	69.4	69.4	69.4	69.4	69.4	69.4	69.7	69.7	69.9	69.9	69.9	69.9	69.9
GE 10000			55.5	69.0	69.7	69.7	69.7	69.7	69.9	69.9	70.1	70.1	70.4	70.4	70.4	70.4	70.4
GE 9000			55.5	69.0	69.7	69.7	69.7	69.7	69.9	69.9	70.1	70.1	70.4	70.4	70.4	70.4	70.4
GE 8000			55.5	69.0	69.7	69.7	69.7	69.7	69.9	69.9	70.1	70.1	70.4	70.4	70.4	70.4	70.4
GE 7000			55.5	69.0	69.7	69.7	69.7	69.7	69.9	69.9	70.1	70.1	70.4	70.4	70.4	70.4	70.4
GE 6000			55.5	69.0	69.7	69.7	69.7	69.7	69.9	69.9	70.1	70.1	70.4	70.4	70.4	70.4	70.4
GE 5000			59.7	73.2	73.9	73.9	73.9	73.9	74.2	74.2	74.4	74.4	74.6	74.6	74.6	74.6	74.6
GE 4500			59.7	73.2	73.9	73.9	73.9	73.9	74.2	74.2	74.4	74.4	74.6	74.6	74.6	74.6	74.6
GE 4000			59.7	73.2	73.9	73.9	73.9	73.9	74.2	74.2	74.4	74.4	74.6	74.6	74.6	74.6	74.6
GE 3500			59.7	73.2	73.9	73.9	73.9	73.9	74.2	74.2	74.4	74.4	74.6	74.6	74.6	74.6	74.6
GE 3000			61.6	75.6	76.3	76.3	76.3	76.3	76.5	76.5	76.8	76.8	77.0	77.0	77.0	77.0	77.0
GE 2500			61.6	75.6	76.3	76.3	76.3	76.3	76.5	76.5	76.8	76.8	77.0	77.0	77.0	77.0	77.0
GE 2000			62.3	76.3	77.0	77.0	77.0	77.0	77.3	77.3	77.5	77.5	77.7	77.7	77.7	77.7	77.7
GE 1800			62.3	76.3	77.0	77.0	77.0	77.0	77.3	77.3	77.5	77.5	77.7	77.7	77.7	77.7	77.7
GE 1500			72.0	88.2	88.9	88.9	88.9	88.9	89.1	89.1	89.3	89.3	89.6	89.6	89.6	89.6	89.6
GE 1200			76.1	94.5	95.3	95.3	95.3	95.3	95.5	95.5	95.7	95.7	96.0	96.0	96.0	96.0	96.0
GE 1000			79.9	98.3	99.1	99.1	99.1	99.1	99.3	99.3	99.5	99.5	99.8	99.8	99.8	99.8	99.8
GE 900			79.9	98.3	99.1	99.1	99.1	99.1	99.3	99.3	99.5	99.5	99.8	99.8	99.8	99.8	99.8
GE 800			79.9	98.6	99.3	99.3	99.3	99.3	99.5	99.5	99.8	99.8	100.0	100.0	100.0	100.0	100.0
GE 700			79.9	98.6	99.3	99.3	99.3	99.3	99.5	99.5	99.8	99.8	100.0	100.0	100.0	100.0	100.0
GE 600			79.9	98.6	99.3	99.3	99.3	99.3	99.5	99.5	99.8	99.8	100.0	100.0	100.0	100.0	100.0
GE 500			79.9	98.6	99.3	99.3	99.3	99.3	99.5	99.5	99.8	99.8	100.0	100.0	100.0	100.0	100.0
GE 400			79.9	98.6	99.3	99.3	99.3	99.3	99.5	99.5	99.8	99.8	100.0	100.0	100.0	100.0	100.0
GE 300			79.9	98.6	99.3	99.3	99.3	99.3	99.5	99.5	99.8	99.8	100.0	100.0	100.0	100.0	100.0
GE 200			79.9	98.6	99.3	99.3	99.3	99.3	99.5	99.5	99.8	99.8	100.0	100.0	100.0	100.0	100.0
GE 100			79.9	98.6	99.3	99.3	99.3	99.3	99.5	99.5	99.8	99.8	100.0	100.0	100.0	100.0	100.0
GE 0			79.9	98.6	99.3	99.3	99.3	99.3	99.5	99.5	99.8	99.8	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 422

GLOBAL CLIMATOLOGY BRANCH
USAF/ETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 616413 STATION NAME: DAKAR SENEGAL

PERIOD OF RECORD: 75-84
MONTH: AUG HOURS(UT): 0600-2300

CEILING IN FEET	I	VISIBILITY IN STATUTE MILES														
		GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4
NO CEIL	I	.2	25.1	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3
GE 20000	I	.2	31.9	42.6	42.3	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8
GE 18000	I	.2	31.9	42.6	42.3	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8
GE 16000	I	.2	31.9	42.6	42.3	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8
GE 14000	I	.2	33.0	43.8	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3
GE 12000	I	.2	51.9	67.7	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
GE 10000	I	.2	51.9	67.9	68.7	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
GE 9000	I	.2	51.9	67.9	68.7	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
GE 8000	I	.2	51.9	67.9	68.7	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
GE 7000	I	.2	51.9	67.9	68.7	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
GE 6000	I	.2	51.9	67.9	68.7	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
GE 5000	I	.2	54.7	70.6	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
GE 4500	I	.2	54.7	70.6	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
GE 4000	I	.2	54.7	70.6	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
GE 3500	I	.2	54.7	70.6	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
GE 3000	I	.2	55.1	71.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
GE 2500	I	.2	55.3	71.5	72.3	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
GE 2000	I	.2	57.4	73.6	74.7	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
GE 1800	I	.2	57.4	73.6	74.7	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
GE 1500	I	.2	67.9	84.9	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
GE 1200	I	.2	73.6	94.7	96.3	96.8	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE 1000	I	.2	76.2	97.4	99.3	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 900	I	.2	76.2	97.4	99.3	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 800	I	.2	76.2	97.4	99.3	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 700	I	.2	76.2	97.4	99.3	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 600	I	.2	76.2	97.4	99.3	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 500	I	.2	76.2	97.4	99.3	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 400	I	.2	76.2	97.4	99.3	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 300	I	.2	76.2	97.4	99.3	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 200	I	.2	76.4	97.7	99.3	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	I	.2	76.4	97.7	99.3	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 00	I	.2	76.4	97.7	99.3	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 470

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 616413 STATION NAME: DAKAR SENEGAL

PERIOD OF RECORD: 75-84
MONTH: AUG HOURS(EST): 0900-1100

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL		24.2	24.9	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2
GE 20000		33.5	35.5	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3
GE 18000		33.5	35.5	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3
GE 16000		33.5	35.5	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3
GE 14000		35.5	37.5	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3
GE 12000		60.2	64.2	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
GE 10000		60.2	64.2	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
GE 9000		60.2	64.2	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
GE 8000		60.2	64.2	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
GE 7000		60.2	64.2	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
GE 6000		60.2	64.2	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
GE 5000		64.0	68.0	68.3	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
GE 4500		64.0	68.0	68.3	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
GE 4000		64.0	68.0	68.3	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
GE 3500		64.0	68.0	68.3	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
GE 3000		64.0	68.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
GE 2500		65.0	69.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
GE 2000		75.6	80.1	80.7	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
GE 1800		75.8	80.4	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
GE 1500		90.7	95.7	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
GE 1200		93.2	98.2	99.3	99.3	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 1000		93.2	98.2	99.3	99.3	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 900		93.2	98.2	99.3	99.3	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 800		93.2	98.2	99.3	99.3	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 700		93.2	98.2	99.3	99.3	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 600		93.2	98.2	99.3	99.3	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 500		93.2	98.2	99.3	99.3	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 400		93.2	98.2	99.3	99.3	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 300		93.5	98.5	99.2	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	100.0
GE 200		93.5	98.5	99.2	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	100.0
GE 100		93.5	98.5	99.2	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	100.0
GE 0		93.5	98.5	99.2	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS: 327

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 616413 STATION NAME: DAKAR SENEGAL

PERIOD OF RECORD: 75-84
MONTH: AUG HOURSLISTED: 1200-1400

CEILING IN FEET	1	VISIBILITY IN STATUTE MILES															
		GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
		10	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4	0
NO CEIL	1	27.6	29.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.2	30.2	30.2	30.2	30.2	30.2
GE 20000		40.3	43.1	43.3	43.8	43.8	43.8	43.8	43.8	43.8	43.8	44.0	44.0	44.0	44.0	44.0	44.0
GE 18000		40.3	43.1	43.3	43.8	43.8	43.8	43.8	43.8	43.8	43.8	44.0	44.0	44.0	44.0	44.0	44.0
GE 16000		40.3	43.1	43.3	43.8	43.8	43.8	43.8	43.8	43.8	43.8	44.0	44.0	44.0	44.0	44.0	44.0
GE 14000		41.6	44.6	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.5	45.5	45.5	45.5	45.5	45.5
GE 12000	.2	59.5	63.6	64.4	64.4	64.4	64.4	64.4	64.7	64.7	64.7	64.9	64.9	64.9	64.9	64.9	64.9
GE 10000	.2	59.5	63.6	64.4	64.4	64.4	64.4	64.4	64.7	64.7	64.7	64.9	64.9	64.9	64.9	64.9	64.9
GE 9000	.2	59.5	63.6	64.4	64.4	64.4	64.4	64.4	64.7	64.7	64.7	64.9	64.9	64.9	64.9	64.9	64.9
GE 8000	.2	59.5	63.6	64.4	64.4	64.4	64.4	64.4	64.7	64.7	64.7	64.9	64.9	64.9	64.9	64.9	64.9
GE 7000	.2	59.5	63.6	64.4	64.4	64.4	64.4	64.4	64.7	64.7	64.7	64.9	64.9	64.9	64.9	64.9	64.9
GE 6000	.2	59.5	63.6	64.4	64.4	64.4	64.4	64.4	64.7	64.7	64.7	64.9	64.9	64.9	64.9	64.9	64.9
GE 5000	.2	62.1	66.2	67.3	67.3	67.3	67.3	67.3	67.2	67.2	67.2	67.5	67.5	67.5	67.5	67.5	67.5
GE 4500	.2	62.3	66.4	67.2	67.2	67.2	67.2	67.2	67.5	67.5	67.5	67.7	67.7	67.7	67.7	67.7	67.7
GE 4000	.2	62.3	66.4	67.2	67.2	67.2	67.2	67.2	67.5	67.5	67.5	67.7	67.7	67.7	67.7	67.7	67.7
GE 3500	.2	62.3	66.4	67.2	67.2	67.2	67.2	67.2	67.5	67.5	67.5	67.7	67.7	67.7	67.7	67.7	67.7
GE 3000	.2	62.5	66.6	67.3	67.3	67.3	67.3	67.3	67.5	67.5	67.5	67.7	67.7	67.7	67.7	67.7	67.7
GE 2500	.2	63.4	67.5	68.3	68.3	68.3	68.3	68.3	68.5	68.5	68.5	68.8	68.8	68.8	68.8	68.8	68.8
GE 2000	.2	74.4	79.1	80.3	80.3	80.3	80.3	80.3	80.2	80.2	80.2	80.6	80.6	80.6	80.6	80.6	80.6
GE 1800	.2	74.4	79.1	80.3	80.3	80.3	80.3	80.3	80.2	80.2	80.2	80.6	80.6	80.6	80.6	80.6	80.6
GE 1500	.2	89.4	95.9	97.3	97.3	97.3	97.3	97.3	97.2	97.2	97.2	97.6	97.6	97.6	97.6	97.6	97.6
GE 1200	.2	91.2	97.6	98.7	98.7	98.7	98.7	98.7	99.1	99.1	99.1	99.6	99.6	99.6	99.6	99.6	99.6
GE 1000	.2	91.4	97.8	99.1	99.1	99.1	99.1	99.1	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0
GE 900	.2	91.4	97.8	99.1	99.1	99.1	99.1	99.1	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	.2	91.4	97.8	99.1	99.1	99.1	99.1	99.1	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	.2	91.4	97.8	99.1	99.1	99.1	99.1	99.1	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	.2	91.4	97.8	99.1	99.1	99.1	99.1	99.1	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	.2	91.4	97.8	99.1	99.1	99.1	99.1	99.1	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	.2	91.4	97.8	99.1	99.1	99.1	99.1	99.1	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	.2	91.4	97.8	99.1	99.1	99.1	99.1	99.1	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	.2	91.4	97.8	99.1	99.1	99.1	99.1	99.1	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	.2	91.4	97.8	99.1	99.1	99.1	99.1	99.1	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	.2	91.4	97.8	99.1	99.1	99.1	99.1	99.1	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 434

GLOBAL CLIMATOLOGY BRANCH
USAF/ETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 616410 STATION NAME: DAKAR SENEGAL

PERIOD OF RECORD: 75-84
MONTH: AUG HOURS(LEST): 1500-1700

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 1/8
NO CEIL		28.0	29.0	29.2	29.2	29.4	29.4	29.4	29.4	29.4	29.4	29.7	29.7	29.7	29.7	29.7
GE 20000		40.6	43.8	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.5	44.5	44.5	44.5	44.5
GE 18000		40.6	43.8	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.5	44.5	44.5	44.5	44.5
GE 16000		40.6	43.8	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.5	44.5	44.5	44.5	44.5
GE 14000		41.1	44.3	44.3	45.0	45.3	45.3	45.3	45.3	45.3	45.3	45.5	45.5	45.5	45.5	45.5
GE 12000		60.6	63.7	64.2	64.5	64.7	64.7	64.7	64.7	64.7	64.7	65.0	65.0	65.0	65.0	65.0
GE 10000		60.6	64.0	64.5	64.7	65.0	65.0	65.0	65.0	65.0	65.0	65.2	65.2	65.2	65.2	65.2
GE 9000		60.6	64.0	64.5	64.7	65.0	65.0	65.0	65.0	65.0	65.0	65.2	65.2	65.2	65.2	65.2
GE 8000		60.6	64.0	64.5	64.7	65.0	65.0	65.0	65.0	65.0	65.0	65.2	65.2	65.2	65.2	65.2
GE 7000		60.6	64.0	64.5	64.7	65.0	65.0	65.0	65.0	65.0	65.0	65.2	65.2	65.2	65.2	65.2
GE 6000		60.6	64.0	64.5	64.7	65.0	65.0	65.0	65.0	65.0	65.0	65.2	65.2	65.2	65.2	65.2
GE 5000		66.4	69.8	70.3	70.6	70.8	70.8	70.8	70.8	70.8	70.8	71.0	71.0	71.0	71.0	71.0
GE 4500		66.4	69.8	70.3	70.6	70.8	70.8	70.8	70.8	70.8	70.8	71.0	71.0	71.0	71.0	71.0
GE 4000		66.4	69.8	70.3	70.6	70.8	70.8	70.8	70.8	70.8	70.8	71.0	71.0	71.0	71.0	71.0
GE 3500		66.4	69.8	70.3	70.6	70.8	70.8	70.8	70.8	70.8	70.8	71.0	71.0	71.0	71.0	71.0
GE 3000		66.4	70.3	71.3	71.3	71.8	71.8	71.8	71.8	71.8	71.8	72.0	72.0	72.0	72.0	72.0
GE 2500		68.6	72.0	72.7	73.0	73.5	73.5	73.5	73.5	73.5	73.5	73.7	73.7	73.7	73.7	73.7
GE 2000		77.9	82.2	83.1	83.2	83.7	83.7	83.7	83.7	83.7	83.7	83.9	83.9	83.9	83.9	83.9
GE 1800		77.9	82.2	83.1	83.2	83.7	83.7	83.7	83.7	83.7	83.7	83.9	83.9	83.9	83.9	83.9
GE 1600		90.0	95.1	96.4	96.6	97.1	97.1	97.1	97.1	97.1	97.1	97.3	97.3	97.3	97.3	97.3
GE 1400		92.0	97.3	98.5	98.8	99.3	99.3	99.3	99.3	99.3	99.3	99.5	99.5	99.5	99.5	99.5
GE 1200		92.0	97.3	98.5	98.8	99.3	99.3	99.3	99.3	99.3	99.3	99.5	99.5	99.5	99.5	99.5
GE 1000		92.0	97.3	98.5	98.8	99.3	99.3	99.3	99.3	99.3	99.3	99.5	99.5	99.5	99.5	99.5
GE 900		92.0	97.3	98.5	98.8	99.3	99.3	99.3	99.3	99.3	99.3	99.5	99.5	99.5	99.5	99.5
GE 800		92.0	97.3	98.5	98.8	99.3	99.3	99.3	99.3	99.3	99.3	99.5	99.5	99.5	99.5	99.5
GE 700		92.0	97.3	98.5	98.8	99.3	99.3	99.3	99.3	99.3	99.3	99.5	99.5	99.5	99.5	99.5
GE 600		92.0	97.3	98.5	98.8	99.3	99.3	99.3	99.3	99.3	99.3	99.5	99.5	99.5	99.5	99.5
GE 500		92.0	97.3	98.5	98.8	99.3	99.3	99.3	99.3	99.3	99.3	99.5	99.5	99.5	99.5	99.5
GE 400		92.0	97.3	98.5	98.8	99.3	99.3	99.3	99.3	99.3	99.3	99.5	99.5	99.5	99.5	99.5
GE 300		92.2	97.6	98.3	99.0	99.5	99.5	99.5	99.5	99.5	99.5	100.0	100.0	100.0	100.0	100.0
GE 200		92.2	97.6	98.3	99.0	99.5	99.5	99.5	99.5	99.5	99.5	100.0	100.0	100.0	100.0	100.0
GE 100		92.2	97.6	98.3	99.0	99.5	99.5	99.5	99.5	99.5	99.5	100.0	100.0	100.0	100.0	100.0
GE 0		92.2	97.6	98.3	99.0	99.5	99.5	99.5	99.5	99.5	99.5	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 411

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 616410 STATION NAME: DAKAR SENEGAL

PERIOD OF RECORD: 75-84
MONTH: OCT HOURS(IST): 0300-0500

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	24.9	48.1	60.7	60.7	62.5	62.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5
GE 20000	29.0	56.2	69.3	69.3	71.0	71.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
GE 18000	29.0	56.2	69.3	69.3	71.0	71.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
GE 16000	29.0	56.2	69.3	69.3	71.0	71.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
GE 14000	29.7	56.9	70.3	70.3	71.8	71.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
GE 12000	36.0	65.7	78.3	78.3	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
GE 10000	36.3	66.0	79.1	79.1	81.1	81.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
GE 9000	36.3	66.0	79.1	79.1	81.1	81.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
GE 8000	36.3	66.0	79.1	79.1	81.1	81.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
GE 7000	36.3	66.0	79.1	79.1	81.1	81.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
GE 6000	36.3	66.0	79.1	79.1	81.1	81.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
GE 5000	50.6	80.4	93.5	93.5	95.5	95.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
GE 4500	50.6	80.4	93.5	93.5	95.5	95.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
GE 4000	50.6	80.4	93.5	93.5	95.5	95.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
GE 3500	50.6	80.4	93.5	93.5	95.5	95.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
GE 3000	50.9	80.9	94.3	94.3	96.3	96.3	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE 2500	50.9	80.9	94.3	94.3	96.3	96.3	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE 2000	50.9	80.9	94.3	94.3	96.3	96.3	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 1800	50.9	80.9	94.3	94.3	96.3	96.3	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 1500	50.9	81.9	95.3	95.3	97.0	97.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 1200	51.6	82.9	96.3	96.3	98.3	98.3	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 1000	51.6	83.1	96.2	96.2	98.2	98.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 900	51.6	83.1	96.2	96.2	98.2	98.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 800	51.6	83.1	96.2	96.2	98.2	98.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 700	51.6	83.1	96.2	96.2	98.2	98.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 600	51.6	83.1	96.2	96.2	98.5	98.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0
GE 500	51.6	83.1	96.2	96.2	98.5	98.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0
GE 400	51.6	83.1	96.2	96.2	98.5	98.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0
GE 300	51.6	83.1	96.2	96.2	98.5	98.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0
GE 200	51.6	83.1	96.2	96.2	98.5	98.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0
GE 100	51.6	83.1	96.2	96.2	98.5	98.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0
GE 0	51.6	83.1	96.2	96.2	98.5	98.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS: 397

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 616410 STATION NAME: DAKAR SENEGAL

PERIOD OF RECORD: 75-94
MONTH: OCT HOURS(IST): 0000-2300

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	22.8	47.7	58.7	58.7	60.2	60.2	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
GE 20000	29.3	58.9	70.3	70.5	72.0	72.0	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
GE 18000	29.3	58.9	70.3	70.5	72.0	72.0	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
GE 16000	29.3	58.9	70.3	70.5	72.0	72.0	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
GE 14000	29.9	59.8	71.2	71.4	72.8	72.8	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
GE 12000	34.6	67.8	80.1	80.3	81.7	81.7	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
GE 10000	34.6	68.0	80.3	80.5	82.0	82.0	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
GE 9000	34.6	68.0	80.3	80.5	82.0	82.0	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
GE 8000	34.6	68.0	80.3	80.5	82.0	82.0	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
GE 7000	34.6	68.0	80.3	80.5	82.0	82.0	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
GE 6000	34.6	68.0	80.3	80.5	82.0	82.0	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
GE 5000	48.3	81.7	94.2	94.2	95.6	95.6	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
GE 4500	48.3	81.7	94.2	94.2	95.6	95.6	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
GE 4000	48.3	81.7	94.2	94.2	95.6	95.6	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
GE 3500	48.3	81.7	94.2	94.2	95.6	95.6	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
GE 3000	48.5	82.0	94.2	94.4	95.9	95.9	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 2500	48.8	82.2	94.4	94.6	96.1	96.1	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 2000	48.8	82.2	94.4	94.6	96.1	96.1	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 1800	48.8	82.2	94.4	94.6	96.1	96.1	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 1500	49.2	83.4	95.5	95.9	97.3	97.3	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 1200	50.0	84.9	97.1	97.3	98.8	98.8	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 1000	.2	50.2	85.3	97.3	97.7	99.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900	.2	50.2	85.3	97.3	97.7	99.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	.2	50.2	85.3	97.3	97.7	99.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	.2	50.2	85.3	97.3	97.7	99.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	.2	50.2	85.3	97.3	97.7	99.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	.2	50.2	85.3	97.3	97.7	99.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	.2	50.2	85.3	97.3	97.7	99.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	.2	50.2	85.3	97.3	97.7	99.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	.2	50.2	85.3	97.3	97.7	99.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	.2	50.2	85.3	97.3	97.7	99.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	.2	50.2	85.3	97.3	97.7	99.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 432

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 616410 STATION NAME: DAKAR SENEGAL

PERIOD OF RECORD: 75-84
MONTH: SEP HOURS: 1211: ALL

CEILING		VISIBILITY IN STATUTE MILES															
IN FEET	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
	10	6	5	4	3	2	1 1/2	1 1/2	1 1/4	1	3/4	3/8	1/2	5/16	1/4	3	3
NO CEIL	1	.1	30.7	37.3	39.5	39.7	40.3	40.3	40.6	40.7	40.7	40.8	40.8	40.8	40.9	40.9	40.9
GE 20000	1	.1	41.8	50.7	53.4	53.5	54.3	54.3	54.7	54.7	54.7	54.9	54.8	54.9	54.9	54.9	54.9
GE 18000	1	.1	41.8	50.7	53.4	53.5	54.3	54.3	54.7	54.7	54.7	54.8	54.8	54.9	54.9	54.9	54.9
GE 16000	1	.1	41.8	50.7	53.4	53.5	54.3	54.3	54.7	54.7	54.7	54.8	54.8	54.9	54.9	54.9	54.9
GE 14000	1	.1	42.8	51.9	54.3	54.7	55.5	55.5	55.9	55.9	55.9	56.0	56.0	56.1	56.1	56.1	56.1
GE 12000	1	.1	52.2	69.4	72.7	72.9	73.6	73.6	74.0	74.1	74.1	74.2	74.2	74.3	74.3	74.3	74.3
GE 10000	1	.1	57.3	69.6	72.7	73.1	73.8	73.8	74.2	74.3	74.3	74.4	74.4	74.5	74.5	74.5	74.5
GE 9000	1	.1	57.3	69.6	72.7	73.1	73.8	73.8	74.2	74.3	74.3	74.4	74.4	74.5	74.5	74.5	74.5
GE 8000	1	.1	57.3	69.6	72.7	73.1	73.8	73.8	74.2	74.3	74.3	74.4	74.4	74.5	74.5	74.5	74.5
GE 7000	1	.1	57.3	69.6	72.7	73.1	73.8	73.8	74.2	74.3	74.3	74.4	74.4	74.5	74.5	74.5	74.5
GE 6000	1	.1	57.3	69.6	72.7	73.1	73.8	73.8	74.2	74.3	74.3	74.4	74.4	74.5	74.5	74.5	74.5
GE 5000	1	.1	64.2	76.5	79.3	80.0	80.7	80.7	81.1	81.2	81.2	81.3	81.3	81.4	81.4	81.4	81.4
GE 4500	1	.1	64.2	76.5	79.3	80.0	80.7	80.7	81.1	81.2	81.2	81.3	81.3	81.4	81.4	81.4	81.4
GE 4000	1	.1	64.2	76.5	79.3	80.0	80.7	80.7	81.1	81.2	81.2	81.3	81.3	81.4	81.4	81.4	81.4
GE 3500	1	.1	64.2	76.5	79.3	80.0	80.7	80.7	81.1	81.2	81.2	81.3	81.3	81.4	81.4	81.4	81.4
GE 3000	1	.1	65.2	77.7	81.1	81.3	82.1	82.1	82.5	82.6	82.6	82.7	82.7	82.8	82.8	82.8	82.8
GE 2500	1	.1	65.5	78.0	81.3	81.7	82.5	82.5	82.9	82.9	82.9	83.0	83.1	83.1	83.2	83.2	83.2
GE 2000	1	.1	67.9	80.7	84.3	84.5	85.3	85.3	85.7	85.8	85.8	85.9	85.9	85.9	85.9	85.9	85.9
GE 1800	1	.1	68.0	80.9	84.4	84.6	85.4	85.4	85.8	85.9	85.9	86.0	86.0	86.1	86.1	86.1	86.1
GE 1500	1	.1	75.6	89.3	93.3	93.5	94.3	94.3	94.8	94.9	94.9	95.0	95.0	95.1	95.1	95.1	95.1
GE 1200	1	.1	78.4	93.0	97.3	97.4	98.3	98.3	98.9	98.9	99.0	99.1	99.1	99.2	99.2	99.2	99.2
GE 1000	1	.1	78.7	93.6	97.7	98.1	99.0	99.0	99.6	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9
GE 900	1	.1	78.7	93.6	97.7	98.1	99.0	99.0	99.6	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9
GE 800	1	.1	78.7	93.6	98.0	98.2	99.0	99.0	99.6	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9
GE 700	1	.1	78.7	93.6	98.0	98.2	99.0	99.0	99.6	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9
GE 600	1	.1	78.7	93.7	98.1	98.2	99.0	99.0	99.6	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9
GE 500	1	.1	78.7	93.7	98.1	98.2	99.0	99.0	99.6	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9
GE 400	1	.1	78.7	93.7	98.1	98.2	99.0	99.0	99.6	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9
GE 300	1	.1	78.7	93.7	98.1	98.2	99.0	99.0	99.6	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9
GE 200	1	.1	78.7	93.7	98.1	98.2	99.0	99.0	99.6	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9
GE 100	1	.1	78.7	93.7	98.1	98.2	99.0	99.0	99.6	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9
GE 0	1	.1	78.7	93.7	98.1	98.2	99.0	99.0	99.6	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS: 3425

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 616410 STATION NAME: DAAAR SEVESAL

PERIOD OF RECORD: 75-84
MONTH: SEP 10JRS(LST): 2100-2300

CEILING		VISIBILITY IN STATUTE MILES																
IN	FEET	1	GE 10	GE 6	GE 5	GE 4	3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 1/8
NO CEIL	1		36.6	47.3	49.1	49.1	49.1	49.1	49.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1
GE 20000			45.8	60.1	62.1	62.1	62.6	62.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6
GE 18000			45.8	60.1	62.1	62.1	62.6	62.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6
GE 16000			45.8	60.1	62.1	62.1	62.6	62.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6
GE 14000			46.1	60.6	62.2	62.6	63.1	63.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
GE 12000			57.0	74.8	77.4	77.4	77.4	77.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
GE 10000			57.0	74.8	77.4	77.4	77.4	77.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
GE 9000			57.0	74.8	77.4	77.4	77.4	77.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
GE 8000			57.0	74.8	77.4	77.4	77.4	77.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
GE 7000			57.0	74.8	77.4	77.4	77.4	77.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
GE 6000			57.0	74.8	77.4	77.4	77.4	77.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
GE 5000			66.4	84.2	86.3	86.3	86.3	87.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
GE 4500			66.4	84.2	86.3	86.3	86.3	87.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
GE 4000			66.4	84.2	86.3	86.3	86.3	87.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
GE 3500			66.4	84.2	86.3	86.3	86.3	87.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
GE 3000			67.9	86.8	89.5	89.5	89.5	90.1	90.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
GE 2500			67.9	86.8	89.5	89.5	89.5	90.1	90.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
GE 2000			68.7	87.8	90.5	90.5	90.6	91.1	91.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
GE 1800			68.7	87.8	90.5	90.5	90.6	91.1	91.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
GE 1500			72.5	92.6	95.7	95.7	95.7	96.2	96.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 1200			73.8	94.7	97.7	97.7	97.7	98.2	98.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 1000			74.0	94.9	98.5	98.5	98.5	99.0	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900			74.0	94.9	98.5	98.5	98.5	99.0	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800			74.0	94.9	98.5	98.5	98.5	99.0	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700			74.0	94.9	98.5	98.5	98.5	99.0	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600			74.0	94.9	98.5	98.5	98.5	99.0	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500			74.0	94.9	98.5	98.5	98.5	99.0	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400			74.0	94.9	98.5	98.5	98.5	99.0	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300			74.0	94.9	98.5	98.5	98.5	99.0	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200			74.0	94.9	98.5	98.5	98.5	99.0	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100			74.0	94.9	98.5	98.5	98.5	99.0	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 01			74.0	94.9	98.5	98.5	98.5	99.0	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 323

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 616410 STATION NAME: DAKAR SENEGAL

PERIOD OF RECORD: 75-84
MONTH: SEP HOURS(UT): 1800-2300

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 1	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4
NO CEIL	1		25.4	29.5	30.9	30.9	31.3	31.3	31.7	31.7	31.9	31.9	31.9	32.2	32.2	32.2
GE 20000			43.1	49.2	51.2	51.4	52.1	52.1	52.5	52.5	52.7	52.7	52.7	53.0	53.0	53.0
GE 18000			43.1	49.2	51.2	51.4	52.1	52.1	52.5	52.5	52.7	52.7	52.7	53.0	53.0	53.0
GE 16000			43.1	49.2	51.2	51.4	52.1	52.1	52.5	52.5	52.7	52.7	52.7	53.0	53.0	53.0
GE 14000			44.4	50.8	52.7	53.0	53.6	53.6	54.0	54.0	54.3	54.3	54.3	54.5	54.5	54.5
GE 12000			61.7	69.4	71.3	72.0	72.6	72.6	73.1	73.1	73.3	73.3	73.3	73.5	73.5	73.5
GE 10000			62.1	69.8	72.4	72.6	73.3	73.3	73.7	73.7	74.0	74.0	74.0	74.2	74.2	74.2
GE 9000			62.1	69.8	72.4	72.6	73.3	73.3	73.7	73.7	74.0	74.0	74.0	74.2	74.2	74.2
GE 8000			62.1	69.8	72.4	72.6	73.3	73.3	73.7	73.7	74.0	74.0	74.0	74.2	74.2	74.2
GE 7000			62.1	69.8	72.4	72.6	73.3	73.3	73.7	73.7	74.0	74.0	74.0	74.2	74.2	74.2
GE 6000			62.1	69.8	72.4	72.6	73.3	73.3	73.7	73.7	74.0	74.0	74.0	74.2	74.2	74.2
GE 5000			70.0	77.7	80.3	80.5	81.2	81.2	81.6	81.6	81.8	81.8	81.8	82.1	82.1	82.1
GE 4500			70.0	77.7	80.3	80.5	81.2	81.2	81.6	81.6	81.8	81.8	81.8	82.1	82.1	82.1
GE 4000			70.0	77.7	80.3	80.5	81.2	81.2	81.6	81.6	81.8	81.8	81.8	82.1	82.1	82.1
GE 3500			70.0	77.7	80.3	80.5	81.2	81.2	81.6	81.6	81.8	81.8	81.8	82.1	82.1	82.1
GE 3000			71.3	79.0	81.3	82.1	82.7	82.7	83.2	83.2	83.4	83.4	83.4	83.6	83.6	83.6
GE 2500			72.0	79.6	82.7	82.9	83.6	83.6	84.0	84.0	84.2	84.2	84.2	84.5	84.5	84.5
GE 2000			75.3	83.2	86.2	86.4	87.1	87.1	87.5	87.5	87.7	87.7	87.7	88.0	88.0	88.0
GE 1800			75.5	83.6	86.7	86.9	87.5	87.5	88.0	88.0	88.2	88.2	88.2	88.4	88.4	88.4
GE 1500			84.2	93.4	96.7	96.9	97.6	97.6	98.0	98.0	98.2	98.2	98.2	98.5	98.5	98.5
GE 1200	.2		85.6	94.7	98.0	98.2	98.9	98.9	99.3	99.3	99.6	99.6	99.6	99.8	99.8	99.8
GE 1000	.2	85.6	95.0	98.2	98.5	99.1	99.1	99.6	99.6	99.8	99.8	99.8	99.8	100.0	100.0	100.0
GE 900	.2	85.6	95.0	98.2	98.5	99.1	99.1	99.6	99.6	99.8	99.8	99.8	99.8	100.0	100.0	100.0
GE 800	.2	85.6	95.0	98.2	98.5	99.1	99.1	99.6	99.6	99.8	99.8	99.8	99.8	100.0	100.0	100.0
GE 700	.2	85.6	95.0	98.2	98.5	99.1	99.1	99.6	99.6	99.8	99.8	99.8	99.8	100.0	100.0	100.0
GE 600	.2	85.6	95.0	98.2	98.5	99.1	99.1	99.6	99.6	99.8	99.8	99.8	99.8	100.0	100.0	100.0
GE 500	.2	85.6	95.0	98.2	98.5	99.1	99.1	99.6	99.6	99.8	99.8	99.8	99.8	100.0	100.0	100.0
GE 400	.2	85.6	95.0	98.2	98.5	99.1	99.1	99.6	99.6	99.8	99.8	99.8	99.8	100.0	100.0	100.0
GE 300	.2	85.6	95.0	98.2	98.5	99.1	99.1	99.6	99.6	99.8	99.8	99.8	99.8	100.0	100.0	100.0
GE 200	.2	85.6	95.0	98.2	98.5	99.1	99.1	99.6	99.6	99.8	99.8	99.8	99.8	100.0	100.0	100.0
GE 100	.2	85.6	95.0	98.2	98.5	99.1	99.1	99.6	99.6	99.8	99.8	99.8	99.8	100.0	100.0	100.0
GE 01	.2	85.6	95.0	98.2	98.5	99.1	99.1	99.6	99.6	99.8	99.8	99.8	99.8	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 457

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 616410 STATION NAME: DAKAR SENEGAL

PERIOD OF RECORD: 75-84
MONTH: SEP HOURS(EST): 1500-1700

CEILING		VISIBILITY IN STATUTE MILES																
IN	FEET	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
		10	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4	3	
NO CEIL	1	31.1	33.6	36.2	36.2	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7
GE 20000		46.1	50.1	52.7	53.2	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	54.1
GE 18000		46.1	50.1	52.7	53.2	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	54.1
GE 16000		46.1	50.1	52.7	53.2	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	54.1
GE 14000		47.8	52.0	54.3	55.1	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8
GE 12000		63.1	68.0	71.5	71.8	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.7
GE 10000		63.3	68.2	71.3	72.0	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
GE 9000		63.3	68.2	71.3	72.0	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
GE 8000		63.3	68.2	71.3	72.0	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
GE 7000		63.3	68.2	71.3	72.0	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
GE 6000		63.3	68.2	71.3	72.0	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
GE 5000		69.2	74.1	77.5	77.9	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
GE 4500		69.2	74.1	77.5	77.9	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
GE 4000		69.2	74.1	77.5	77.9	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
GE 3500		69.2	74.1	77.5	77.9	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
GE 3000		70.1	75.1	78.5	78.8	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
GE 2500		71.1	76.0	79.5	79.8	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.7
GE 2000		77.2	82.6	86.1	86.4	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.3
GE 1800		77.4	82.8	86.4	86.6	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.5
GE 1500		87.1	93.4	96.7	97.2	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	98.4
GE 1200		88.5	94.8	98.4	98.6	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 1000		88.5	94.8	98.4	98.6	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 900		88.5	94.8	98.4	98.6	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 800		88.5	94.8	98.4	98.6	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 700		88.5	94.8	98.4	98.6	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 600		88.5	94.8	98.4	98.6	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 500		88.5	94.8	98.4	98.6	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 400		88.5	94.8	98.4	98.6	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 300		88.5	94.8	98.4	98.6	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 200		88.5	94.8	98.4	98.6	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 100		88.5	94.8	98.4	98.6	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 0		88.5	94.8	98.4	98.6	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3

TOTAL NUMBER OF OBSERVATIONS: 425

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 616410 STATION NAME: DAKAR SENEGAL

PERIOD OF RECORD: 75-84
MONTH: SEP HOURS(IST): 1200-1400

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	1	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4
NO CEIL		27.3	30.6	33.5	33.5	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.4	34.4
GE 20000		41.6	45.4	48.5	48.5	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.3	49.3
GE 18000		41.6	45.4	48.5	48.5	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.3	49.3
GE 16000		41.6	45.4	48.5	48.5	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.3	49.3
GE 14000		42.3	46.0	49.1	49.1	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	50.0	50.0
GE 12000	.2	59.7	65.9	69.2	69.4	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.3	70.3
GE 10000	.2	59.7	65.9	69.2	69.4	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.3	70.3
GE 9000	.2	59.7	65.9	69.2	69.4	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.3	70.3
GE 8000	.2	59.7	65.9	69.2	69.4	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.3	70.3
GE 7000	.2	59.7	65.9	69.2	69.4	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.3	70.3
GE 6000	.2	59.7	65.9	69.2	69.4	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.3	70.3
GE 5000	.2	65.4	71.6	74.7	75.1	75.8	75.8	75.8	75.8	75.8	75.8	76.0	76.0	76.0	76.2	76.2
GE 4500	.2	65.4	71.6	74.7	75.1	75.8	75.8	75.8	75.8	75.8	75.8	76.0	76.0	76.0	76.2	76.2
GE 4000	.2	65.4	71.6	74.7	75.1	75.8	75.8	75.8	75.8	75.8	75.8	76.0	76.0	76.0	76.2	76.2
GE 3500	.2	65.4	71.6	74.7	75.1	75.8	75.8	75.8	75.8	75.8	75.8	76.0	76.0	76.0	76.2	76.2
GE 3000	.2	65.4	71.6	74.7	75.1	76.0	76.0	76.0	76.0	76.0	76.0	76.2	76.2	76.2	76.4	76.4
GE 2500	.2	65.6	71.8	75.1	75.3	76.2	76.2	76.2	76.2	76.2	76.2	76.4	76.4	76.4	76.7	76.7
GE 2000	.2	70.9	77.1	80.3	81.1	81.9	81.9	81.9	81.9	81.9	81.9	82.2	82.2	82.2	82.4	82.4
GE 1800	.2	70.9	77.1	80.3	81.1	81.9	81.9	81.9	81.9	81.9	81.9	82.2	82.2	82.2	82.4	82.4
GE 1500	.2	82.2	89.4	93.5	93.8	94.7	94.7	94.9	94.9	94.9	94.9	95.2	95.2	95.2	95.4	95.4
GE 1200	.2	84.8	92.5	97.1	97.4	98.2	98.2	98.7	98.9	98.9	98.9	99.1	99.1	99.1	99.3	99.3
GE 1000	.2	85.0	93.0	97.5	98.0	98.9	98.9	99.3	99.6	99.6	99.6	99.8	99.8	99.8	100.0	100.0
GE 900	.2	85.0	93.0	97.5	98.0	98.9	98.9	99.3	99.6	99.6	99.6	99.8	99.8	99.8	100.0	100.0
GE 800	.2	85.0	93.0	97.5	98.0	98.9	98.9	99.3	99.6	99.6	99.6	99.8	99.8	99.8	100.0	100.0
GE 700	.2	85.0	93.0	97.5	98.0	98.9	98.9	99.3	99.6	99.6	99.6	99.8	99.8	99.8	100.0	100.0
GE 600	.2	85.0	93.0	97.5	98.0	98.9	98.9	99.3	99.6	99.6	99.6	99.8	99.8	99.8	100.0	100.0
GE 500	.2	85.0	93.0	97.5	98.0	98.9	98.9	99.3	99.6	99.6	99.6	99.8	99.8	99.8	100.0	100.0
GE 400	.2	85.0	93.0	97.5	98.0	98.9	98.9	99.3	99.6	99.6	99.6	99.8	99.8	99.8	100.0	100.0
GE 300	.2	85.0	93.0	97.5	98.0	98.9	98.9	99.3	99.6	99.6	99.6	99.8	99.8	99.8	100.0	100.0
GE 200	.2	85.0	93.0	97.5	98.0	98.9	98.9	99.3	99.6	99.6	99.6	99.8	99.8	99.8	100.0	100.0
GE 100	.2	85.0	93.0	97.5	98.0	98.9	98.9	99.3	99.6	99.6	99.6	99.8	99.8	99.8	100.0	100.0
GE 00	.2	85.0	93.0	97.5	98.0	98.9	98.9	99.3	99.6	99.6	99.6	99.8	99.8	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 454

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 616410 STATION NAME: DAKAR SENEGAL

PERIOD OF RECORD: 75-84
MONTH: SEP DATES: 1900-1100

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	1 10	GE 6	GE 5	GE 4	SE 3	SE 2 1/2	GE 2	GE 1 1/2	SE 1 1/4	SE 1	SE 3/4	SE 5/8	SE 1/2	SE 5/16	SE 1/4	SE 1/8
NO CEIL		27.0	30.2	32.5	32.6	33.6	33.6	33.8	33.8	33.8	33.9	33.8	34.1	34.1	34.1	34.1
GE 20000		40.1	44.8	47.2	47.9	48.9	48.9	49.1	49.1	49.1	49.1	49.1	49.4	49.4	49.4	49.4
GE 18000		42.1	44.8	47.2	47.9	48.9	48.9	49.1	49.1	49.1	49.1	49.1	49.4	49.4	49.4	49.4
GE 16000		40.1	44.8	47.2	47.9	48.9	48.9	49.1	49.1	49.1	49.1	49.1	49.4	49.4	49.4	49.4
GE 14000		41.6	46.2	49.2	49.9	50.9	50.9	51.1	51.1	51.1	51.1	51.1	51.3	51.3	51.3	51.3
GE 12000		60.3	66.7	70.5	70.6	71.5	71.5	72.3	72.3	72.3	72.3	72.3	72.5	72.5	72.5	72.5
GE 10000		60.3	66.7	70.5	70.6	71.5	71.5	72.3	72.3	72.3	72.3	72.3	72.5	72.5	72.5	72.5
GE 9000		60.3	66.7	70.5	70.6	71.5	71.5	72.3	72.3	72.3	72.3	72.3	72.5	72.5	72.5	72.5
GE 8000		60.3	66.7	70.5	70.6	71.5	71.5	72.3	72.3	72.3	72.3	72.3	72.5	72.5	72.5	72.5
GE 7000		60.3	66.7	70.5	70.6	71.5	71.5	72.3	72.3	72.3	72.3	72.3	72.5	72.5	72.5	72.5
GE 6000		60.3	66.7	70.5	70.6	71.5	71.5	72.3	72.3	72.3	72.3	72.3	72.5	72.5	72.5	72.5
GE 5000		67.4	73.7	77.5	77.6	78.6	78.6	79.3	79.3	79.3	79.3	79.3	79.6	79.6	79.6	79.6
GE 4500		67.4	73.7	77.5	77.6	78.6	78.6	79.3	79.3	79.3	79.3	79.3	79.6	79.6	79.6	79.6
GE 4000		67.4	73.7	77.5	77.6	78.6	78.6	79.3	79.3	79.3	79.3	79.3	79.6	79.6	79.6	79.6
GE 3500		67.4	73.7	77.5	77.6	78.6	78.6	79.3	79.3	79.3	79.3	79.3	79.6	79.6	79.6	79.6
GE 3000		67.6	74.0	77.9	77.9	78.8	78.8	79.6	79.6	79.6	79.6	79.6	79.8	79.8	79.8	79.8
GE 2500		67.6	74.0	77.9	77.9	78.8	78.8	79.6	79.6	79.6	79.6	79.6	79.8	79.8	79.8	79.8
GE 2000		71.5	77.9	81.3	81.3	82.7	82.7	83.5	83.5	83.5	83.5	83.5	83.7	83.7	83.7	83.7
GE 1800		71.5	78.1	82.3	82.3	83.0	83.0	83.7	83.7	83.7	83.7	83.7	83.9	83.9	83.9	83.9
GE 1500		79.8	87.1	92.2	92.2	93.2	93.2	94.2	94.2	94.2	94.2	94.2	94.4	94.4	94.4	94.4
GE 1200		83.7	91.7	96.3	96.8	97.8	97.8	99.0	99.0	99.0	99.0	99.0	99.3	99.3	99.3	99.3
GE 1000		83.7	92.2	97.3	97.3	98.3	98.3	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0
GE 900		83.7	92.2	97.3	97.3	98.3	98.3	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0
GE 800		83.7	92.2	97.3	97.3	98.3	98.3	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0
GE 700		83.7	92.2	97.3	97.3	98.3	98.3	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0
GE 600		83.7	92.2	97.3	97.3	98.3	98.3	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0
GE 500		83.7	92.2	97.3	97.3	98.3	98.3	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0
GE 400		83.7	92.2	97.3	97.3	98.3	98.3	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0
GE 300		83.7	92.2	97.3	97.3	98.3	98.3	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0
GE 200		83.7	92.2	97.3	97.3	98.3	98.3	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0
GE 100		83.7	92.2	97.3	97.3	98.3	98.3	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0
GE 0		83.7	92.2	97.3	97.3	98.3	98.3	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 411

GLOBAL CLIMATOLOGY BRANCH
USAF/ETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 616410 STATION NAME: DAKAR SENEGAL

PERIOD OF RECORD: 75-84
MONTH: SEP 40951511: 3500-3800

CEILING IN FEET	VISIBILITY IN STATUTE MILES																	
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 3		
NO CEIL	.4	28.8	38.2	41.3	41.7	42.8	42.8	43.0	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2		
GE 20000	.4	36.0	49.1	52.4	52.8	53.9	53.9	54.1	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4		
GE 18000	.4	36.0	49.1	52.4	52.8	53.9	53.9	54.1	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4		
GE 16000	.4	36.0	49.1	52.4	52.8	53.9	53.9	54.1	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4		
GE 14000	.4	36.7	49.8	53.1	53.5	54.6	54.6	54.8	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0		
GE 12000	.4	49.8	69.0	72.7	73.4	74.5	74.5	74.7	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9		
GE 10000	.4	49.8	69.4	73.5	74.0	75.1	75.1	75.3	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5		
GE 9000	.4	49.8	69.4	73.5	74.0	75.1	75.1	75.3	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5		
GE 8000	.4	49.8	69.4	73.5	74.0	75.1	75.1	75.3	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5		
GE 7000	.4	49.8	69.4	73.5	74.0	75.1	75.1	75.3	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5		
GE 6000	.4	49.8	69.4	73.5	74.0	75.1	75.1	75.3	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5		
GE 5000	.4	56.1	75.8	79.7	80.3	81.4	81.4	81.7	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9		
GE 4500	.4	56.1	75.8	79.7	80.3	81.4	81.4	81.7	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9		
GE 4000	.4	56.1	75.8	79.7	80.3	81.4	81.4	81.7	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9		
GE 3500	.4	56.1	75.8	79.7	80.3	81.4	81.4	81.7	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9		
GE 3000	.4	57.0	76.6	80.3	81.2	82.3	82.3	82.5	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8		
GE 2500	.4	57.0	76.6	80.3	81.2	82.3	82.3	82.5	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8		
GE 2000	.4	57.0	77.3	81.4	81.9	83.0	83.0	83.2	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4		
GE 1800	.4	57.2	77.5	81.7	82.1	83.2	83.2	83.4	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6		
GE 1500	.4	63.8	84.7	89.7	90.2	91.5	91.5	91.7	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9		
GE 1200	.4	67.5	90.4	96.3	96.7	98.0	98.0	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5		
GE 1000	.4	68.3	91.9	97.3	98.3	99.6	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0		
GE 900	.4	68.3	91.9	97.3	98.3	99.6	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0		
GE 800	.4	68.3	91.9	97.3	98.3	99.6	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0		
GE 700	.4	68.3	91.9	97.3	98.3	99.6	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0		
GE 600	.4	68.3	91.9	97.3	98.3	99.6	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0		
GE 500	.4	68.3	91.9	97.3	98.3	99.6	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0		
GE 400	.4	68.3	91.9	97.3	98.3	99.6	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0		
GE 300	.4	68.3	91.9	97.3	98.3	99.6	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0		
GE 200	.4	68.3	91.9	97.3	98.3	99.6	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0		
GE 100	.4	68.3	91.9	97.3	98.3	99.6	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0		
GE 01	.4	68.3	91.9	97.3	98.3	99.6	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0		

TOTAL NUMBER OF OBSERVATIONS: 458

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 616410 STATION NAME: DAKAR SENEGAL

PERIOD OF RECORD: 75-84
MONTH: SEP 40JRS(LST): 3300-3500

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2	GE 1 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4
NO CEIL		34.6	43.1	45.5	45.5	46.6	46.6	46.6	46.6	46.9	46.9	46.9	46.9	46.9	46.9	46.9
GE 20000		38.4	49.0	51.3	51.8	52.9	52.9	53.1	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4
GE 18000		38.4	49.0	51.3	51.8	52.9	52.9	53.1	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4
GE 16000		38.4	49.0	51.3	51.8	52.9	52.9	53.1	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4
GE 14000		39.2	50.1	52.7	52.9	54.0	54.0	54.2	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5
GE 12000		50.7	66.8	69.3	69.8	70.8	70.8	71.1	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
GE 10000		51.0	67.0	70.3	70.3	71.1	71.1	71.4	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
GE 9000		51.0	67.0	70.3	70.3	71.1	71.1	71.4	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
GE 8000		51.0	67.0	70.3	70.3	71.1	71.1	71.4	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
GE 7000		51.0	67.0	70.3	70.3	71.1	71.1	71.4	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
GE 6000		51.0	67.0	70.3	70.3	71.1	71.1	71.4	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
GE 5000		57.8	73.8	76.3	76.8	77.9	77.9	78.2	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
GE 4500		57.8	73.8	76.3	76.8	77.9	77.9	78.2	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
GE 4000		57.8	73.8	76.3	76.8	77.9	77.9	78.2	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
GE 3500		57.8	73.8	76.3	76.8	77.9	77.9	78.2	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
GE 3000		60.2	76.6	79.5	79.6	80.7	80.7	80.9	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
GE 2500		60.5	76.8	79.3	79.8	80.9	80.9	81.2	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
GE 2000		60.8	77.1	80.4	80.4	81.5	81.5	81.7	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
GE 1800		60.8	77.1	80.4	80.4	81.5	81.5	81.7	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
GE 1500		68.7	85.3	88.5	88.6	89.6	89.6	89.9	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
GE 1200		74.4	93.2	97.3	97.3	98.4	98.4	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 1000		74.7	93.7	97.5	97.5	98.9	98.9	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 900		74.7	93.7	97.5	97.5	98.9	98.9	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 800		74.7	93.7	97.5	97.5	98.9	98.9	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 700		74.7	93.7	97.5	97.5	98.9	98.9	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 600		74.9	94.0	97.3	97.8	99.2	99.2	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500		74.9	94.0	97.3	97.8	99.2	99.2	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400		74.9	94.0	97.3	97.8	99.2	99.2	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300		74.9	94.0	97.3	97.8	99.2	99.2	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200		74.9	94.0	97.3	97.8	99.2	99.2	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100		74.9	94.0	97.3	97.8	99.2	99.2	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 01		74.9	94.0	97.3	97.8	99.2	99.2	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 357

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 616410 STATION NAME: DAKAR SENEGAL

PERIOD OF RECORD: 75-84
MONTH: SEP COURSE(S): 3003-3203

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 3
NO CEIL	.2	36.3	47.6	49.3	49.6	49.8	49.8	50.4	50.4	50.4	50.9	50.9	50.9	50.9	50.9	50.9
GE 20000	.2	43.3	58.5	60.7	60.9	61.1	61.1	62.0	62.0	62.0	62.4	62.4	62.4	62.4	62.4	62.4
GE 18000	.2	43.3	58.5	60.7	60.9	61.1	61.1	62.0	62.0	62.0	62.4	62.4	62.4	62.4	62.4	62.4
GE 16000	.2	43.3	58.5	60.7	60.9	61.1	61.1	62.0	62.0	62.0	62.4	62.4	62.4	62.4	62.4	62.4
GE 14000	.2	44.3	59.8	62.3	62.2	62.4	62.4	63.3	63.3	63.3	63.7	63.7	63.7	63.7	63.7	63.7
GE 12000	.2	54.6	74.6	78.3	78.3	78.5	78.5	79.3	79.3	79.3	79.8	79.8	79.8	79.8	79.8	79.8
GE 10000	.2	54.6	74.6	78.3	78.3	78.5	78.5	79.3	79.3	79.3	79.8	79.8	79.8	79.8	79.8	79.8
GE 9000	.2	54.6	74.6	78.3	78.3	78.5	78.5	79.3	79.3	79.3	79.8	79.8	79.8	79.8	79.8	79.8
GE 8000	.2	54.6	74.6	78.3	78.3	78.5	78.5	79.3	79.3	79.3	79.8	79.8	79.8	79.8	79.8	79.8
GE 7000	.2	54.6	74.6	78.3	78.3	78.5	78.5	79.3	79.3	79.3	79.8	79.8	79.8	79.8	79.8	79.8
GE 6000	.2	54.6	74.6	78.3	78.3	78.5	78.5	79.3	79.3	79.3	79.8	79.8	79.8	79.8	79.8	79.8
GE 5000	.2	60.9	80.9	84.3	84.6	84.8	84.8	85.7	85.7	85.7	86.1	86.1	86.1	86.1	86.1	86.1
GE 4500	.2	60.9	80.9	84.3	84.6	84.8	84.8	85.7	85.7	85.7	86.1	86.1	86.1	86.1	86.1	86.1
GE 4000	.2	60.9	80.9	84.3	84.6	84.8	84.8	85.7	85.7	85.7	86.1	86.1	86.1	86.1	86.1	86.1
GE 3500	.2	60.9	80.9	84.3	84.6	84.8	84.8	85.7	85.7	85.7	86.1	86.1	86.1	86.1	86.1	86.1
GE 3000	.2	62.0	82.6	86.3	86.5	87.0	87.3	87.8	87.8	87.8	88.3	88.3	88.3	88.3	88.3	88.3
GE 2500	.2	62.0	83.0	86.7	87.3	87.4	87.4	88.3	88.3	88.3	88.7	88.7	88.7	88.7	88.7	88.7
GE 2000	.2	62.0	83.0	87.3	87.2	87.6	87.6	88.5	88.5	88.5	88.9	88.9	88.9	88.9	88.9	88.9
GE 1800	.2	62.0	83.0	87.3	87.2	87.6	87.6	88.5	88.5	88.5	88.9	88.9	88.9	88.9	88.9	88.9
GE 1500	.2	66.5	88.3	92.3	92.8	93.3	93.3	94.1	94.1	94.1	94.6	94.6	94.6	94.6	94.6	94.6
GE 1200	.2	68.7	92.4	96.7	97.0	97.6	97.4	98.3	98.3	98.3	98.7	98.7	98.7	98.7	98.7	98.7
GE 1000	.2	69.3	93.7	98.3	98.3	98.7	98.7	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0
GE 900	.2	69.3	93.7	98.3	98.3	98.7	98.7	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	.2	69.3	93.7	98.3	98.3	98.7	98.7	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	.2	69.3	93.7	98.3	98.3	98.7	98.7	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	.2	69.3	93.7	98.3	98.3	98.7	98.7	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	.2	69.3	93.7	98.3	98.3	98.7	98.7	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	.2	69.3	93.7	98.3	98.3	98.7	98.7	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	.2	69.3	93.7	98.3	98.3	98.7	98.7	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	.2	69.3	93.7	98.3	98.3	98.7	98.7	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	.2	69.3	93.7	98.3	98.3	98.7	98.7	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	.2	69.3	93.7	98.3	98.3	98.7	98.7	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 450

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 616410 STATION NAME: DAKAR SENEGAL

PERIOD OF RECORD: 75-84
MONTH: AUG HOURS/DAY: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 1/8
NO CLIL	.0	28.4	34.0	34.2	34.2	34.2	34.2	34.2	34.2	34.3	34.3	34.3	34.4	34.4	34.4	34.4
GE 20000	.1	38.3	45.1	45.4	45.4	45.4	45.4	45.4	45.4	45.5	45.5	45.5	45.5	45.6	45.6	45.6
GE 18000	.1	38.3	45.1	45.4	45.4	45.4	45.4	45.4	45.4	45.5	45.5	45.5	45.5	45.6	45.6	45.6
GE 16000	.1	38.3	45.1	45.4	45.4	45.4	45.4	45.4	45.4	45.5	45.5	45.5	45.5	45.6	45.6	45.6
GE 14000	.1	39.3	46.3	46.3	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.8	46.8	46.8	46.8	46.8
GE 12000	.1	57.8	67.4	68.2	68.2	68.2	68.2	68.3	68.3	68.3	68.4	68.4	68.4	68.5	68.5	68.5
GE 10000	.1	57.9	67.5	68.3	68.3	68.4	68.4	68.4	68.4	68.5	68.5	68.5	68.6	68.6	68.6	68.7
GE 9000	.1	57.9	67.5	68.3	68.3	68.4	68.4	68.4	68.4	68.5	68.5	68.5	68.6	68.6	68.6	68.7
GE 8000	.1	57.9	67.5	68.3	68.3	68.4	68.4	68.4	68.4	68.5	68.5	68.5	68.6	68.6	68.6	68.7
GE 7000	.1	57.9	67.5	68.3	68.3	68.4	68.4	68.4	68.4	68.5	68.5	68.5	68.6	68.6	68.6	68.7
GE 6000	.1	57.9	67.5	68.3	68.3	68.4	68.4	68.4	68.4	68.5	68.5	68.5	68.6	68.6	68.6	68.7
GE 5000	.1	62.8	72.5	73.3	73.3	73.3	73.3	73.4	73.5	73.5	73.5	73.5	73.6	73.6	73.6	73.7
GE 4500	.1	62.9	72.5	73.3	73.3	73.3	73.4	73.4	73.5	73.5	73.5	73.5	73.6	73.6	73.6	73.7
GE 4000	.1	62.9	72.5	73.3	73.3	73.3	73.4	73.4	73.5	73.5	73.5	73.5	73.6	73.6	73.6	73.7
GE 3500	.1	62.9	72.5	73.3	73.3	73.3	73.4	73.4	73.5	73.5	73.5	73.5	73.6	73.6	73.6	73.7
GE 3000	.1	63.9	73.8	74.7	74.7	74.7	74.7	74.8	74.9	74.9	74.9	74.9	75.0	75.0	75.0	75.1
GE 2500	.1	64.4	74.4	75.2	75.2	75.3	75.3	75.4	75.4	75.5	75.5	75.5	75.6	75.6	75.6	75.7
GE 2000	.1	69.8	80.1	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.4	81.4	81.4	81.5
GE 1800	.1	69.9	80.2	81.1	81.1	81.2	81.2	81.2	81.3	81.3	81.3	81.3	81.4	81.5	81.5	81.6
GE 1500	.1	80.7	92.2	93.2	93.2	93.3	93.3	93.4	93.4	93.5	93.5	93.5	93.6	93.6	93.6	93.7
GE 1200	.1	84.0	96.8	98.3	98.3	98.3	98.2	98.3	98.3	98.4	98.4	98.4	98.5	98.5	98.5	98.7
GE 1000	.1	85.0	97.8	99.1	99.1	99.3	99.3	99.4	99.4	99.5	99.5	99.6	99.7	99.7	99.7	99.8
GE 900	.1	85.0	97.8	99.1	99.1	99.3	99.3	99.4	99.4	99.5	99.5	99.6	99.7	99.7	99.7	99.8
GE 800	.1	85.0	97.9	99.1	99.2	99.3	99.3	99.4	99.5	99.5	99.5	99.6	99.7	99.7	99.7	99.8
GE 700	.1	85.0	97.9	99.1	99.2	99.3	99.3	99.4	99.5	99.5	99.5	99.6	99.7	99.7	99.7	99.8
GE 600	.1	85.0	97.9	99.1	99.2	99.3	99.3	99.4	99.5	99.5	99.5	99.6	99.7	99.7	99.7	99.8
GE 500	.1	85.0	97.9	99.2	99.2	99.3	99.3	99.5	99.5	99.6	99.6	99.6	99.7	99.8	99.8	99.9
GE 400	.1	85.0	97.9	99.2	99.2	99.3	99.3	99.5	99.5	99.6	99.6	99.6	99.7	99.8	99.8	99.9
GE 300	.1	85.1	98.0	99.2	99.3	99.4	99.4	99.5	99.6	99.6	99.7	99.7	99.8	99.8	99.8	100.0
GE 200	.1	85.1	98.0	99.3	99.3	99.4	99.4	99.5	99.6	99.7	99.7	99.7	99.8	99.9	99.9	100.0
GE 100	.1	85.1	98.0	99.3	99.3	99.4	99.4	99.5	99.6	99.7	99.7	99.7	99.8	99.9	99.9	100.0
GE 0	.1	85.1	98.0	99.3	99.3	99.4	99.4	99.5	99.6	99.7	99.7	99.7	99.8	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS: 3515

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 616410 STATION NAME: DAKAR SENEGAL

PERIOD OF RECORD: 75-84
MONTH: AUG HOURS(LST): 2100-2300

CEILING		VISIBILITY IN STATUTE MILES															
IN	FEET	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 3
NO CEIL		1	32.0	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.4	39.4	39.4	39.4	39.7
GE	20000	.2	44.1	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	53.0	53.3	53.3	53.3	53.2
GE	18000	.2	44.1	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	53.3	53.3	53.3	53.3	53.2
GE	16000	.2	44.1	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	53.0	53.3	53.3	53.3	53.2
GE	14000	.2	45.1	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.9	53.9	53.9	53.9	54.2
GE	12000	.2	58.1	70.9	71.7	71.7	71.7	71.7	71.7	71.9	71.9	71.9	72.2	72.2	72.2	72.2	72.4
GE	10000	.2	58.1	70.9	71.7	71.7	71.7	71.7	71.7	71.9	71.9	71.9	72.2	72.2	72.2	72.2	72.4
GE	9000	.2	58.1	70.9	71.7	71.7	71.7	71.7	71.7	71.9	71.9	71.9	72.2	72.2	72.2	72.2	72.4
GE	8000	.2	58.1	70.9	71.7	71.7	71.7	71.7	71.7	71.9	71.9	71.9	72.2	72.2	72.2	72.2	72.4
GE	7000	.2	58.1	70.9	71.7	71.7	71.7	71.7	71.7	71.9	71.9	71.9	72.2	72.2	72.2	72.2	72.4
GE	6000	.2	58.1	70.9	71.7	71.7	71.7	71.7	71.7	71.9	71.9	71.9	72.2	72.2	72.2	72.2	72.4
GE	5000	.2	66.5	79.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.5	80.5	80.5	80.5	80.5
GE	4500	.2	66.5	79.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.5	80.5	80.5	80.5	80.5
GE	4000	.2	66.5	79.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.5	80.5	80.5	80.5	80.5
GE	3500	.2	66.5	79.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.5	80.5	80.5	80.5	80.5
GE	3000	.2	69.2	82.8	83.5	83.5	83.5	83.5	83.5	83.7	84.0	84.0	84.2	84.2	84.2	84.2	84.5
GE	2500	.2	69.5	83.0	83.7	83.7	83.7	83.7	83.7	84.0	84.2	84.2	84.5	84.5	84.5	84.5	84.7
GE	2000	.2	71.4	85.0	85.7	85.7	85.7	85.7	85.7	86.0	86.2	86.2	86.5	86.5	86.5	86.5	86.7
GE	1800	.2	71.4	85.2	86.2	86.2	86.2	86.2	86.2	86.5	86.7	86.7	86.9	86.9	86.9	86.9	87.2
GE	1500	.2	78.6	92.9	93.3	93.8	93.8	93.8	93.8	94.1	94.3	94.3	94.6	94.6	94.6	94.6	94.8
GE	1200	.2	81.5	96.1	97.3	97.8	97.8	97.8	97.8	98.3	98.5	98.5	98.8	98.8	98.8	98.8	99.3
GE	1000	.2	82.0	96.6	98.3	98.5	98.5	98.5	98.5	99.0	99.3	99.3	99.5	99.5	99.5	99.5	99.8
GE	900	.2	82.0	96.6	98.3	98.5	98.5	98.5	98.5	99.0	99.3	99.3	99.5	99.5	99.5	99.5	99.8
GE	800	.2	82.0	96.6	98.3	98.5	98.5	98.5	98.5	99.0	99.3	99.3	99.5	99.5	99.5	99.5	99.8
GE	700	.2	82.0	96.6	98.3	98.5	98.5	98.5	98.5	99.0	99.3	99.3	99.5	99.5	99.5	99.5	99.8
GE	600	.2	82.0	96.6	98.3	98.5	98.5	98.5	98.5	99.0	99.3	99.3	99.5	99.5	99.5	99.5	99.8
GE	500	.2	82.3	96.8	98.5	98.8	98.8	98.8	98.8	99.3	99.5	99.5	99.8	99.8	99.8	99.8	100.0
GE	400	.2	82.3	96.8	98.5	98.8	98.8	98.8	98.8	99.3	99.5	99.5	99.8	99.8	99.8	99.8	100.0
GE	300	.2	82.3	96.8	98.5	98.8	98.8	98.8	98.8	99.3	99.5	99.5	99.8	99.8	99.8	99.8	100.0
GE	200	.2	82.3	96.8	98.5	98.8	98.8	98.8	98.8	99.3	99.5	99.5	99.8	99.8	99.8	99.8	100.0
GE	100	.2	82.3	96.8	98.5	98.8	98.8	98.8	98.8	99.3	99.5	99.5	99.8	99.8	99.8	99.8	100.0
GE	00	.2	82.3	96.8	98.5	98.8	98.8	98.8	98.8	99.3	99.5	99.5	99.8	99.8	99.8	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS: 436

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 616410 STATION NAME: DAKAR SENEGAL

PERIOD OF RECORD: 75-84
MONTH: AUG HOURS(EST): 1800-2300

CEILING IN FEET	VISIBILITY IN STATUTE MILES																
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 3	
NO CEIL		21.8	23.9	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.4	24.4	24.4	24.4	
GE 20000	.2	34.2	37.2	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.6	37.6	37.6	37.6	
GE 18000	.2	34.2	37.2	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.6	37.6	37.6	37.6	
GE 16000	.2	34.2	37.2	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.6	37.6	37.6	37.6	
GE 14000	.2	35.3	38.2	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.7	38.7	38.7	38.7	
GE 12000	.2	60.3	63.7	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.7	64.7	64.7	64.7	
GE 10000	.2	60.3	63.7	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.7	64.7	64.7	64.7	
GE 9000	.2	60.3	63.7	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.7	64.7	64.7	64.7	
GE 8000	.2	60.5	63.9	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	65.0	65.0	65.0	65.0	
GE 7000	.2	60.5	63.9	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	65.0	65.0	65.0	65.0	
GE 6000	.2	60.5	63.9	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	65.0	65.0	65.0	65.0	
GE 5000	.2	67.7	71.2	72.3	72.3	72.3	72.0	72.0	72.0	72.0	72.0	72.0	72.2	72.2	72.2	72.2	
GE 4500	.2	67.7	71.2	72.3	72.3	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.2	72.2	72.2	72.2	
GE 4000	.2	67.7	71.2	72.3	72.3	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.2	72.2	72.2	72.2	
GE 3500	.2	67.7	71.2	72.3	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.2	72.2	72.2	72.2	
GE 3000	.2	68.8	72.9	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.9	73.9	73.9	73.9	
GE 2500	.2	69.4	73.5	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.5	74.5	74.5	74.5	
GE 2000	.2	77.1	81.6	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.7	82.7	82.7	82.7	
GE 1800	.2	77.1	81.6	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.7	82.7	82.7	82.7	
GE 1500	.2	88.5	93.4	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.4	94.4	94.4	94.4	
GE 1200	.2	92.3	97.9	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.9	98.9	98.9	98.9	
GE 1000	.2	92.7	98.3	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.4	99.4	99.4	99.3	
GE 900	.2	92.7	98.3	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.4	99.4	99.4	99.3	
GE 800	.2	92.7	98.3	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.4	99.4	99.4	99.3	
GE 700	.2	92.7	98.3	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.4	99.4	99.4	99.3	
GE 600	.2	92.9	98.5	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.5	100.0	
GE 500	.2	92.9	98.5	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.5	100.0	
GE 400	.2	92.9	98.5	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.5	100.0	
GE 300	.2	92.9	98.5	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.5	100.0	
GE 200	.2	92.9	98.5	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.5	100.0	
GE 100	.2	92.9	98.5	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.5	100.0	
GE 0	.2	92.9	98.5	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.5	100.0	

TOTAL NUMBER OF OBSERVATIONS: 458

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 616410 STATION NAME: DAKAR SENEGAL

PERIOD OF RECORD: 75-84
MONTH: OCT HOURS(DLST): 2600-2800

CEILING										VISIBILITY IN STATUTE MILES									
IN	1	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
FEET	1	10	5	4	3	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4	3	2	1 1/2	1 1/4	1
NO CEIL	1	.2	23.1	45.1	55.7	56.7	58.4	59.0	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4
GE 20000	.2	26.1	51.0	62.3	63.1	64.7	65.3	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
GE 18000	.2	26.1	51.0	62.3	63.1	64.7	65.3	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
GE 16000	.2	26.1	51.0	62.3	63.1	64.7	65.3	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
GE 14000	.2	26.1	51.0	62.3	63.1	64.7	65.3	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
GE 12000	.2	31.2	61.2	73.7	74.7	76.9	77.6	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
GE 10000	.2	31.4	61.4	74.1	75.1	77.3	78.0	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
GE 9000	.2	31.4	61.4	74.1	75.1	77.3	78.0	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
GE 8000	.2	31.4	61.4	74.1	75.1	77.3	78.0	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
GE 7000	.2	31.4	61.4	74.1	75.1	77.3	78.0	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
GE 6000	.2	31.4	61.4	74.1	75.1	77.3	78.0	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
GE 5000	.2	43.1	73.1	85.7	86.7	89.0	89.6	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
GE 4500	.2	43.1	73.1	85.7	86.7	89.0	89.6	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
GE 4000	.2	43.1	73.1	85.7	86.7	89.0	89.6	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
GE 3500	.2	43.1	73.1	85.7	86.7	89.0	89.6	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
GE 3000	.2	43.5	73.5	86.3	87.3	89.6	90.2	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
GE 2500	.2	43.5	73.5	86.3	87.3	89.6	90.2	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
GE 2000	.2	43.5	73.7	86.3	87.6	89.8	90.4	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
GE 1800	.2	43.5	73.7	86.3	87.6	89.8	90.4	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
GE 1500	.2	45.9	77.3	90.5	91.6	94.1	94.7	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
GE 1200	.2	47.8	80.2	93.7	94.7	97.1	97.8	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 1000	.2	47.8	80.6	94.1	95.1	97.8	98.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900	.2	47.8	80.6	94.1	95.1	97.8	98.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	.2	47.8	80.6	94.1	95.1	97.8	98.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	.2	47.8	80.6	94.1	95.1	97.8	98.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	.2	47.8	80.6	94.1	95.1	97.8	98.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	.2	47.8	80.6	94.1	95.1	97.8	98.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	.2	47.8	80.6	94.1	95.1	97.8	98.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	.2	47.8	80.6	94.1	95.1	97.8	98.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	.2	47.8	80.6	94.1	95.1	97.8	98.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	.2	47.8	80.6	94.1	95.1	97.8	98.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	.2	47.8	80.6	94.1	95.1	97.8	98.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 490

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILINGS VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 616410 STATION NAME: DAKAR SENEGAL

PERIOD OF RECORD: 75-84
MONTH: OCT 40URS(157): 3903-1103

CEILINGS IN FEET	VISIBILITY IN STATUTE MILES															
	1	10	6	5	4	3	2	1 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16
NO CEIL	.2	25.9	35.0	41.5	42.2	44.6	44.6	45.8	46.0	46.0	46.0	46.3	46.3	46.3	46.3	46.3
GE 20000	.2	37.2	49.6	59.7	60.4	63.1	63.1	64.5	64.7	64.7	64.7	65.0	65.0	65.0	65.0	65.0
GE 18000	.2	37.2	49.6	59.7	60.4	63.1	63.1	64.5	64.7	64.7	64.7	65.0	65.0	65.0	65.0	65.0
GE 16000	.2	37.2	49.6	59.7	60.4	63.1	63.1	64.5	64.7	64.7	64.7	65.0	65.0	65.0	65.0	65.0
GE 14000	.2	37.9	50.4	60.7	61.4	64.0	64.0	65.5	65.7	65.7	65.7	65.9	65.9	65.9	65.9	65.9
GE 12000	.2	47.2	60.4	71.9	72.7	75.3	75.3	77.7	77.9	77.9	78.2	78.4	78.4	78.4	78.4	78.4
GE 10000	.2	47.2	60.7	72.2	72.9	75.5	75.5	77.9	78.2	78.2	78.4	78.7	78.7	78.7	78.7	78.7
GE 9000	.2	47.2	60.7	72.2	72.9	75.5	75.5	77.9	78.2	78.2	78.4	78.7	78.7	78.7	78.7	78.7
GE 8000	.2	47.2	60.7	72.2	72.9	75.5	75.5	77.9	78.2	78.2	78.4	78.7	78.7	78.7	78.7	78.7
GE 7000	.2	47.2	60.7	72.2	72.9	75.5	75.5	77.9	78.2	78.2	78.4	78.7	78.7	78.7	78.7	78.7
GE 6000	.2	47.2	60.7	72.2	72.9	75.5	75.5	77.9	78.2	78.2	78.4	78.7	78.7	78.7	78.7	78.7
GE 5000	.2	62.1	75.5	87.1	87.8	90.4	90.4	92.8	93.0	93.0	93.3	93.5	93.5	93.5	93.5	93.5
GE 4500	.2	62.1	75.5	87.1	87.8	90.4	90.4	92.8	93.0	93.0	93.3	93.5	93.5	93.5	93.5	93.5
GE 4000	.2	62.1	75.5	87.1	87.8	90.4	90.4	92.8	93.0	93.0	93.3	93.5	93.5	93.5	93.5	93.5
GE 3500	.2	62.1	75.5	87.1	87.8	90.4	90.4	92.8	93.0	93.0	93.3	93.5	93.5	93.5	93.5	93.5
GE 3000	.2	62.8	76.3	87.3	88.5	91.1	91.1	93.5	93.8	93.8	94.0	94.2	94.2	94.2	94.2	94.2
GE 2500	.2	62.8	76.3	87.3	88.5	91.1	91.1	93.5	93.8	93.8	94.0	94.2	94.2	94.2	94.2	94.2
GE 2000	.2	64.0	77.7	89.2	89.9	92.6	92.6	95.0	95.2	95.2	95.4	95.7	95.7	95.7	95.7	95.7
GE 1800	.2	64.0	77.7	89.2	89.9	92.6	92.6	95.0	95.2	95.2	95.4	95.7	95.7	95.7	95.7	95.7
GE 1500	.2	66.4	80.3	92.1	92.9	95.4	95.4	97.8	98.1	98.1	98.3	98.6	98.6	98.6	98.6	98.6
GE 1200	.2	67.4	81.5	93.3	94.2	96.9	96.9	99.3	99.5	99.5	99.8	100.0	100.0	100.0	100.0	100.0
GE 1000	.2	67.4	81.5	93.3	94.2	96.9	96.9	99.3	99.5	99.5	99.8	100.0	100.0	100.0	100.0	100.0
GE 900	.2	67.4	81.5	93.3	94.2	96.9	96.9	99.3	99.5	99.5	99.8	100.0	100.0	100.0	100.0	100.0
GE 800	.2	67.4	81.5	93.3	94.2	96.9	96.9	99.3	99.5	99.5	99.8	100.0	100.0	100.0	100.0	100.0
GE 700	.2	67.4	81.5	93.3	94.2	96.9	96.9	99.3	99.5	99.5	99.8	100.0	100.0	100.0	100.0	100.0
GE 600	.2	67.4	81.5	93.3	94.2	96.9	96.9	99.3	99.5	99.5	99.8	100.0	100.0	100.0	100.0	100.0
GE 500	.2	67.4	81.5	93.3	94.2	96.9	96.9	99.3	99.5	99.5	99.8	100.0	100.0	100.0	100.0	100.0
GE 400	.2	67.4	81.5	93.3	94.2	96.9	96.9	99.3	99.5	99.5	99.8	100.0	100.0	100.0	100.0	100.0
GE 300	.2	67.4	81.5	93.3	94.2	96.9	96.9	99.3	99.5	99.5	99.8	100.0	100.0	100.0	100.0	100.0
GE 200	.2	67.4	81.5	93.3	94.2	96.9	96.9	99.3	99.5	99.5	99.8	100.0	100.0	100.0	100.0	100.0
GE 100	.2	67.4	81.5	93.3	94.2	96.9	96.9	99.3	99.5	99.5	99.8	100.0	100.0	100.0	100.0	100.0
GE 0	.2	67.4	81.5	93.3	94.2	96.9	96.9	99.3	99.5	99.5	99.8	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 417

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 616410 STATION NAME: DAKAR SENEGAL

PERIOD OF RECORD: 75-84
MONTH: OCT ADJUSLST: 1203-1400

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	10	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4	3
NO CEIL	26.1	32.7	39.5	39.3	41.8	41.8	43.8	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2
GE 20000	45.1	56.0	65.1	65.3	67.7	67.7	69.8	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
GE 18000	45.1	56.0	65.1	65.3	67.7	67.7	69.8	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
GE 16000	45.1	56.0	65.1	65.0	67.7	67.7	69.8	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
GE 14000	45.7	56.8	65.3	65.8	68.5	68.5	70.6	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
GE 12000	54.7	66.7	76.7	76.7	76.7	76.7	79.4	81.7	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
GE 10000	54.7	66.7	76.7	76.7	76.7	79.4	81.7	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
GE 9000	54.7	66.7	76.7	76.7	79.4	79.4	81.7	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
GE 8000	54.7	66.7	76.7	76.7	79.4	79.4	81.7	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
GE 7000	54.7	66.7	76.7	76.7	79.4	79.4	81.7	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
GE 6000	54.7	66.7	76.7	76.7	79.4	79.4	81.7	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
GE 5000	67.7	79.6	89.7	89.7	92.4	92.4	94.7	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
GE 4500	67.7	79.6	89.7	89.7	92.4	92.4	94.7	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
GE 4000	67.7	79.6	89.7	89.7	92.4	92.4	94.7	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
GE 3500	67.7	79.6	89.7	89.7	92.4	92.4	94.7	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
GE 3000	67.7	80.0	90.1	90.1	92.8	92.8	95.1	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
GE 2500	67.9	80.2	90.3	90.3	93.0	93.0	95.3	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
GE 2000	68.7	81.1	91.2	91.2	93.8	93.8	96.1	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
GE 1800	68.7	81.1	91.2	91.2	93.8	93.8	96.1	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
GE 1600	70.8	83.7	93.3	93.8	96.7	96.7	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 1500	71.2	84.2	94.2	94.2	97.3	97.3	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1200	71.2	84.2	94.2	94.2	97.3	97.3	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1000	71.2	84.2	94.2	94.2	97.3	97.3	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900	71.2	84.2	94.2	94.2	97.3	97.3	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	71.2	84.2	94.2	94.2	97.3	97.3	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	71.2	84.2	94.2	94.2	97.3	97.3	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	71.2	84.2	94.2	94.2	97.3	97.3	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	71.2	84.2	94.2	94.2	97.3	97.3	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	71.2	84.2	94.2	94.2	97.3	97.3	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	71.2	84.2	94.2	94.2	97.3	97.3	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	71.2	84.2	94.2	94.2	97.3	97.3	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	71.2	84.2	94.2	94.2	97.3	97.3	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 01	71.2	84.2	94.2	94.2	97.3	97.3	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 436

GLOBAL CLIMATOLOGY BRANCH
USAF/ETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 616413 STATION NAME: DAKAR SENEGAL

PERIOD OF RECORD: 75-84
MONTH: OCT HOURS(EST): 1500-1700

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 1	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4
NO CEIL			20.8	25.3	32.1	32.6	34.6	34.6	35.7	36.4	36.4	36.4	36.7	36.7	36.7	36.7
GE 20000	.2	41.2	48.6	58.5	59.3	61.3	61.3	62.4	63.1	63.1	63.1	63.3	63.3	63.3	63.3	63.3
GE 18000	.2	41.2	48.6	58.5	59.3	61.3	61.3	62.4	63.1	63.1	63.1	63.3	63.3	63.3	63.3	63.3
GE 16000	.2	41.2	48.6	58.5	59.3	61.3	61.3	62.4	63.1	63.1	63.1	63.3	63.3	63.3	63.3	63.3
GE 14000	.2	41.6	49.1	59.3	59.7	61.8	61.8	62.9	63.6	63.6	63.6	63.8	63.8	63.8	63.8	63.8
GE 12000	.2	50.0	58.6	69.5	70.4	72.6	72.6	74.2	74.9	74.9	74.9	75.3	75.3	75.3	75.3	75.3
GE 10000	.2	50.0	58.6	69.5	70.4	72.6	72.6	74.2	74.9	74.9	74.9	75.3	75.3	75.3	75.3	75.3
GE 9000	.2	50.0	58.6	69.5	70.4	72.6	72.6	74.2	74.9	74.9	74.9	75.3	75.3	75.3	75.3	75.3
GE 8000	.2	50.0	58.6	69.5	70.4	72.6	72.6	74.2	74.9	74.9	74.9	75.3	75.3	75.3	75.3	75.3
GE 7000	.2	50.0	58.6	69.5	70.4	72.6	72.6	74.2	74.9	74.9	74.9	75.3	75.3	75.3	75.3	75.3
GE 6000	.2	50.0	58.6	69.5	70.4	72.6	72.6	74.2	74.9	74.9	74.9	75.3	75.3	75.3	75.3	75.3
GE 5000	.2	70.1	78.7	89.5	90.5	92.8	92.8	94.3	95.0	95.0	95.0	95.5	95.5	95.5	95.5	95.5
GE 4500	.2	70.1	78.7	89.5	90.5	92.8	92.8	94.3	95.0	95.0	95.0	95.5	95.5	95.5	95.5	95.5
GE 4000	.2	70.1	78.7	89.5	90.5	92.8	92.8	94.3	95.0	95.0	95.0	95.5	95.5	95.5	95.5	95.5
GE 3500	.2	70.1	78.7	89.5	90.5	92.8	92.8	94.3	95.0	95.0	95.0	95.5	95.5	95.5	95.5	95.5
GE 3000	.2	70.1	78.7	89.5	90.5	92.8	92.8	94.3	95.0	95.0	95.0	95.5	95.5	95.5	95.5	95.5
GE 2500	.2	70.4	79.0	89.3	90.7	93.0	93.0	94.6	95.2	95.2	95.2	95.7	95.7	95.7	95.7	95.7
GE 2000	.2	71.5	80.3	91.2	92.1	94.3	94.3	95.9	96.6	96.6	96.6	97.1	97.1	97.1	97.1	97.1
GE 1800	.2	71.5	80.3	91.2	92.1	94.3	94.3	95.9	96.6	96.6	96.6	97.1	97.1	97.1	97.1	97.1
GE 1500	.2	73.1	82.4	93.9	94.8	97.1	97.1	98.6	99.3	99.3	99.3	99.8	99.8	99.8	99.8	99.8
GE 1200	.2	73.3	82.6	94.1	95.0	97.3	97.3	98.9	99.5	99.5	99.5	100.0	100.0	100.0	100.0	100.0
GE 1000	.2	73.3	82.6	94.1	95.0	97.3	97.3	98.9	99.5	99.5	99.5	100.0	100.0	100.0	100.0	100.0
GE 900	.2	73.3	82.6	94.1	95.0	97.3	97.3	98.9	99.5	99.5	99.5	100.0	100.0	100.0	100.0	100.0
GE 800	.2	73.3	82.6	94.1	95.0	97.3	97.3	98.9	99.5	99.5	99.5	100.0	100.0	100.0	100.0	100.0
GE 700	.2	73.3	82.6	94.1	95.0	97.3	97.3	98.9	99.5	99.5	99.5	100.0	100.0	100.0	100.0	100.0
GE 600	.2	73.3	82.6	94.1	95.0	97.3	97.3	98.9	99.5	99.5	99.5	100.0	100.0	100.0	100.0	100.0
GE 500	.2	73.3	82.6	94.1	95.0	97.3	97.3	98.9	99.5	99.5	99.5	100.0	100.0	100.0	100.0	100.0
GE 400	.2	73.3	82.6	94.1	95.0	97.3	97.3	98.9	99.5	99.5	99.5	100.0	100.0	100.0	100.0	100.0
GE 300	.2	73.3	82.6	94.1	95.0	97.3	97.3	98.9	99.5	99.5	99.5	100.0	100.0	100.0	100.0	100.0
GE 200	.2	73.3	82.6	94.1	95.0	97.3	97.3	98.9	99.5	99.5	99.5	100.0	100.0	100.0	100.0	100.0
GE 100	.2	73.3	82.6	94.1	95.0	97.3	97.3	98.9	99.5	99.5	99.5	100.0	100.0	100.0	100.0	100.0
GE 0	.2	73.3	82.6	94.1	95.0	97.3	97.3	98.9	99.5	99.5	99.5	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 442

GLOBAL CLIMATOLOGY BRANCH
USAF/ETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 616910 STATION NAME: DAKAR SENEGAL

PERIOD OF RECORD: 75-84
MONTH: OCT 4095(157): 1800-2300

CEILING IN FEET	VISIBILITY IN STATUTE MILES														
	1	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
	1	10	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16
NO CEIL	1		23.7	31.3	36.3	36.8	37.9	38.1	39.1	39.7	39.7	39.7	39.7	39.7	39.7
GE 20000			43.2	56.2	63.3	63.0	64.0	64.2	65.2	65.8	65.8	65.8	66.3	66.3	66.3
GE 18000			43.2	56.2	63.3	63.0	64.0	64.2	65.2	65.8	65.8	65.8	66.3	66.3	66.3
GE 16000			43.2	56.2	63.3	63.0	64.0	64.2	65.2	65.8	65.8	65.8	66.3	66.3	66.3
GE 14000			44.4	57.8	64.6	64.6	65.6	65.8	66.9	67.5	67.5	67.5	67.7	67.7	67.7
GE 12000			52.3	68.3	76.1	76.1	77.5	77.8	79.2	79.8	79.8	79.8	80.3	80.3	80.3
GE 10000			52.3	68.3	76.1	76.1	77.5	77.8	79.2	79.8	79.8	79.8	80.3	80.3	80.3
GE 9000			52.3	68.3	76.1	76.1	77.5	77.8	79.2	79.8	79.8	79.8	80.3	80.3	80.3
GE 8000			52.3	68.3	76.1	76.1	77.5	77.8	79.2	79.8	79.8	79.8	80.3	80.3	80.3
GE 7000			52.3	68.3	76.1	76.1	77.5	77.8	79.2	79.8	79.8	79.8	80.3	80.3	80.3
GE 6000			52.3	68.3	76.1	76.1	77.5	77.8	79.2	79.8	79.8	79.8	80.3	80.3	80.3
GE 5000			68.5	84.6	92.4	92.4	93.8	94.0	95.5	96.1	96.1	96.1	96.3	96.3	96.3
GE 4500			68.5	84.6	92.4	92.4	93.8	94.0	95.5	96.1	96.1	96.1	96.3	96.3	96.3
GE 4000			68.5	84.6	92.4	92.4	93.8	94.0	95.5	96.1	96.1	96.1	96.3	96.3	96.3
GE 3500			68.5	84.6	92.4	92.4	93.8	94.0	95.5	96.1	96.1	96.1	96.3	96.3	96.3
GE 3000			68.7	84.8	92.5	92.6	94.0	94.2	95.7	96.3	96.3	96.3	96.5	96.5	96.5
GE 2500			68.7	84.8	92.5	92.6	94.0	94.2	95.7	96.3	96.3	96.3	96.5	96.5	96.5
GE 2000			69.3	86.0	93.3	93.8	95.3	95.5	96.9	97.5	97.5	97.5	97.7	97.7	97.7
GE 1800			69.3	86.0	93.3	93.8	95.3	95.5	96.9	97.5	97.5	97.5	97.7	97.7	97.7
GE 1500			70.4	87.4	95.3	95.3	96.7	96.9	98.4	99.0	99.0	99.0	99.2	99.2	99.2
GE 1200			70.6	88.1	95.3	95.9	97.3	97.5	99.0	99.6	99.8	99.8	100.0	100.0	100.0
GE 1000			70.6	88.1	95.3	95.9	97.3	97.5	99.0	99.6	99.8	99.8	100.0	100.0	100.0
GE 900			70.6	88.1	95.3	95.9	97.3	97.5	99.0	99.6	99.8	99.8	100.0	100.0	100.0
GE 800			70.6	88.1	95.3	95.9	97.3	97.5	99.0	99.6	99.8	99.8	100.0	100.0	100.0
GE 700			70.6	88.1	95.3	95.9	97.3	97.5	99.0	99.6	99.8	99.8	100.0	100.0	100.0
GE 600			70.6	88.1	95.3	95.9	97.3	97.5	99.0	99.6	99.8	99.8	100.0	100.0	100.0
GE 500			70.6	88.1	95.3	95.9	97.3	97.5	99.0	99.6	99.8	99.8	100.0	100.0	100.0
GE 400			70.6	88.1	95.3	95.9	97.3	97.5	99.0	99.6	99.8	99.8	100.0	100.0	100.0
GE 300			70.6	88.1	95.3	95.9	97.3	97.5	99.0	99.6	99.8	99.8	100.0	100.0	100.0
GE 200			70.6	88.1	95.3	95.9	97.3	97.5	99.0	99.6	99.8	99.8	100.0	100.0	100.0
GE 100			70.6	88.1	95.3	95.9	97.3	97.5	99.0	99.6	99.8	99.8	100.0	100.0	100.0
GE 01			70.6	88.1	95.3	95.9	97.3	97.5	99.0	99.6	99.8	99.8	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 436

GLOBAL CLIMATOLOGY BRANCH
USAF/ETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 616410 STATION NAME: DAKAR SENEGAL

PERIOD OF RECORD: 75-84
MONTH: OCT HOURS(FLST): 2100-2300

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 3
NO CEIL	20.7	38.4	48.7	49.0	50.0	50.3	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5
GE 20000	28.0	50.3	61.1	61.4	62.4	62.6	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
GE 18000	28.0	50.3	61.1	61.4	62.4	62.6	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
GE 16000	28.0	50.3	61.1	61.4	62.4	62.6	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
GE 14000	28.3	50.5	61.4	61.6	62.6	62.9	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
GE 12000	34.3	59.3	71.2	71.5	72.5	72.7	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.2
GE 10000	34.3	59.3	71.2	71.5	72.5	72.7	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.2
GE 9000	34.3	59.3	71.2	71.5	72.5	72.7	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.2
GE 8000	34.3	59.3	71.2	71.5	72.5	72.7	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.2
GE 7000	34.3	59.3	71.2	71.5	72.5	72.7	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.2
GE 6000	34.3	59.3	71.2	71.5	72.5	72.7	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.2
GE 5000	57.6	82.6	94.4	94.7	95.7	96.3	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.5
GE 4500	57.6	82.6	94.4	94.7	95.7	96.3	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.5
GE 4000	57.6	82.6	94.4	94.7	95.7	96.0	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.5
GE 3500	57.6	82.6	94.4	94.7	95.7	96.0	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.5
GE 3000	57.6	82.8	94.7	94.9	96.0	96.2	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.7
GE 2500	57.6	82.8	94.7	94.9	96.0	96.2	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.7
GE 2000	57.6	82.8	94.7	94.9	96.0	96.2	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.7
GE 1800	57.6	82.8	94.7	94.9	96.0	96.2	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.7
GE 1500	59.1	84.6	96.5	96.7	97.7	98.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.5
GE 1200	59.3	85.1	97.3	97.2	98.2	98.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0
GE 1000	59.3	85.1	97.3	97.2	98.2	98.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0
GE 900	59.3	85.1	97.3	97.2	98.2	98.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0
GE 800	59.3	85.1	97.3	97.2	98.2	98.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0
GE 700	59.3	85.1	97.3	97.2	98.2	98.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0
GE 600	59.3	85.1	97.3	97.2	98.2	98.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0
GE 500	59.3	85.1	97.3	97.2	98.2	98.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0
GE 400	59.3	85.1	97.3	97.2	98.2	98.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0
GE 300	59.3	85.1	97.3	97.2	98.2	98.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0
GE 200	59.3	85.1	97.3	97.2	98.2	98.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0
GE 100	59.3	85.1	97.3	97.2	98.2	98.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0
GE 0	59.3	85.1	97.3	97.2	98.2	98.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS: 396

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 616410 STATION NAME: DAKAR SENEGAL

PERIOD OF RECORD: 75-84
MONTH: OCT HOURS(IST): ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 1/8
NO CEIL	.1	23.5	37.9	46.5	46.9	48.6	48.7	50.0	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3
GE 20000	.1	35.1	53.5	63.7	64.0	65.8	66.0	67.2	67.5	67.5	67.5	67.5	67.6	67.6	67.6	67.6
GE 18000	.1	35.1	53.5	63.7	64.0	65.8	66.0	67.2	67.5	67.5	67.5	67.5	67.6	67.6	67.6	67.6
GE 16000	.1	35.1	53.5	63.7	64.0	65.8	66.0	67.2	67.5	67.5	67.5	67.5	67.6	67.6	67.6	67.6
GE 14000	.1	35.7	54.2	64.3	64.9	66.6	66.8	68.0	68.3	68.3	68.3	68.4	68.4	68.4	68.4	68.4
GE 12000	.1	42.7	63.7	74.2	75.3	77.2	77.4	78.9	79.2	79.2	79.2	79.3	79.3	79.3	79.3	79.4
GE 10000	.1	42.8	63.8	75.3	75.4	77.4	77.5	79.1	79.3	79.3	79.3	79.3	79.4	79.4	79.4	79.5
GE 9000	.1	42.8	63.8	75.3	75.4	77.4	77.5	79.1	79.3	79.3	79.3	79.3	79.4	79.4	79.4	79.5
GE 8000	.1	42.8	63.8	75.3	75.4	77.4	77.5	79.1	79.3	79.3	79.3	79.3	79.4	79.4	79.4	79.5
GE 7000	.1	42.8	63.8	75.3	75.4	77.4	77.5	79.1	79.3	79.3	79.3	79.3	79.4	79.4	79.4	79.5
GE 6000	.1	42.8	63.8	75.3	75.4	77.4	77.5	79.1	79.3	79.3	79.3	79.3	79.4	79.4	79.4	79.5
GE 5000	.1	58.5	79.5	90.7	91.1	93.1	93.2	94.8	95.0	95.0	95.1	95.2	95.2	95.2	95.2	95.2
GE 4500	.1	58.5	79.5	90.7	91.1	93.1	93.2	94.8	95.0	95.0	95.1	95.2	95.2	95.2	95.2	95.2
GE 4000	.1	58.5	79.5	90.7	91.1	93.1	93.2	94.8	95.0	95.0	95.1	95.2	95.2	95.2	95.2	95.2
GE 3500	.1	58.5	79.5	90.7	91.1	93.1	93.2	94.8	95.0	95.0	95.1	95.2	95.2	95.2	95.2	95.2
GE 3000	.1	58.7	79.8	91.1	91.5	93.8	93.6	95.1	95.4	95.4	95.4	95.5	95.5	95.5	95.5	95.6
GE 2500	.1	58.8	79.9	91.2	91.5	93.5	93.7	95.2	95.5	95.5	95.5	95.6	95.6	95.6	95.6	95.7
GE 2000	.1	59.3	80.6	91.3	92.2	94.2	94.3	95.9	96.1	96.1	96.2	96.3	96.3	96.3	96.3	96.3
GE 1800	.1	59.3	80.6	91.3	92.2	94.2	94.3	95.9	96.1	96.1	96.2	96.3	96.3	96.3	96.3	96.3
GE 1500	.1	60.7	82.6	94.2	94.4	96.5	96.6	98.2	98.4	98.4	98.5	98.6	98.6	98.6	98.6	98.6
GE 1200	.1	61.4	83.7	95.2	95.6	97.6	97.7	99.3	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7
GE 1000	.1	61.5	83.8	95.3	95.7	97.8	97.9	99.5	99.7	99.8	99.8	99.9	99.9	99.9	99.9	100.0
GE 900	.1	61.5	83.8	95.3	95.7	97.8	97.9	99.5	99.7	99.8	99.8	99.9	99.9	99.9	99.9	100.0
GE 800	.1	61.5	83.8	95.3	95.7	97.8	97.9	99.5	99.7	99.8	99.8	99.9	99.9	99.9	99.9	100.0
GE 700	.1	61.5	83.8	95.3	95.7	97.8	97.9	99.5	99.7	99.8	99.8	99.9	99.9	99.9	99.9	100.0
GE 600	.1	61.5	83.8	95.3	95.7	97.8	97.9	99.5	99.8	99.8	99.8	99.9	99.9	99.9	99.9	100.0
GE 500	.1	61.5	83.8	95.3	95.7	97.8	97.9	99.5	99.8	99.8	99.8	99.9	99.9	99.9	99.9	100.0
GE 400	.1	61.5	83.8	95.3	95.7	97.8	97.9	99.5	99.8	99.8	99.8	99.9	99.9	99.9	99.9	100.0
GE 300	.1	61.5	83.8	95.3	95.7	97.8	97.9	99.5	99.8	99.8	99.8	99.9	99.9	99.9	99.9	100.0
GE 200	.1	61.5	83.8	95.3	95.7	97.8	97.9	99.5	99.8	99.8	99.8	99.9	99.9	99.9	99.9	100.0
GE 100	.1	61.5	83.8	95.3	95.7	97.8	97.9	99.5	99.8	99.8	99.8	99.9	99.9	99.9	99.9	100.0
GE 0	.1	61.5	83.8	95.3	95.7	97.8	97.9	99.5	99.8	99.8	99.8	99.9	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS: 3596

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 616413 STATION NAME: DAKAR SENEGAL

PERIOD OF RECORD: 75-84
MONTH: NOV HOURS(IST): 0000-0200

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 1	GE 3	GE 5	GE 7	GE 9	GE 11	GE 13	GE 15	GE 17	GE 19	GE 21	GE 23	GE 25	GE 27	GE 29	GE 31
NO CEIL	10.9	44.1	50.9	50.9	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	52.3
GE 20000	23.7	58.1	66.7	66.7	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
GE 18000	23.7	58.1	66.7	66.7	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
GE 16000	23.7	58.1	66.7	66.7	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
GE 14000	23.7	58.6	67.1	67.1	68.6	68.6	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
GE 12000	24.1	64.0	73.3	73.2	75.4	75.4	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
GE 10000	24.1	64.0	73.3	73.2	75.4	75.4	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
GE 9000	24.1	64.0	73.3	73.2	75.4	75.4	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
GE 8000	24.1	64.0	73.3	73.2	75.4	75.4	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
GE 7000	24.1	64.0	73.3	73.2	75.4	75.4	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
GE 6000	24.1	64.0	73.3	73.2	75.4	75.4	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
GE 5000	47.1	87.1	96.1	96.3	98.5	98.5	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 4500	47.1	87.1	96.1	96.3	98.5	98.5	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 4000	47.1	87.1	96.1	96.3	98.5	98.5	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 3500	47.1	87.1	96.1	96.3	98.5	98.5	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 3000	47.1	87.1	96.1	96.3	98.5	98.5	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 2500	47.1	87.1	96.1	96.3	98.5	98.5	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 2000	47.1	87.1	96.1	96.3	98.5	98.5	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 1800	47.1	87.1	96.1	96.3	98.5	98.5	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 1500	47.1	87.1	96.1	96.3	98.5	98.5	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 1200	47.4	87.3	96.3	96.5	98.7	98.7	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 1000	47.6	87.5	96.5	96.7	98.9	98.9	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 900	47.6	87.5	96.5	96.7	98.9	98.9	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 800	47.6	87.5	96.5	96.7	98.9	98.9	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 700	47.6	87.5	96.5	96.7	98.9	98.9	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 600	47.6	87.5	96.5	96.7	98.9	98.9	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 500	47.6	87.5	96.7	96.9	99.1	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	100.0
GE 400	47.6	87.5	96.7	96.9	99.1	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	100.0
GE 300	47.6	87.5	96.7	96.9	99.1	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	100.0
GE 200	47.6	87.5	96.7	96.9	99.1	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	100.0
GE 100	47.6	87.5	96.7	96.9	99.1	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	100.0
GE 0	47.6	87.5	96.7	96.9	99.1	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS: 456

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: 75-84
MONTH: NOV HQ035(LSI): 0300-0500

CEILING			VISIBILITY IN STATUTE MILES														
IN FEET	1 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 1/8	
NO CEIL	1	.3	18.6	42.4	52.2	52.2	52.5	52.5	52.5	52.5	52.5	52.7	52.7	52.7	52.7	53.3	
GE 20000	1	.3	20.4	48.8	59.9	59.9	60.5	60.5	60.5	60.5	60.5	60.7	60.7	60.7	60.7	61.3	
GE 18000	1	.3	20.4	48.8	59.9	59.9	60.5	60.5	60.5	60.5	60.5	60.7	60.7	60.7	60.7	61.3	
GE 16000	1	.3	20.4	48.8	59.9	59.9	60.5	60.5	60.5	60.5	60.5	60.7	60.7	60.7	60.7	61.3	
GE 14000	1	.3	20.4	48.8	59.9	59.9	60.5	60.5	60.5	60.5	60.5	60.7	60.7	60.7	60.7	61.3	
GE 12000	1	.3	21.4	54.3	65.9	65.9	66.9	66.9	67.4	67.4	67.4	67.7	67.7	67.7	67.7	68.3	
GE 10000	1	.3	21.4	54.3	65.9	65.9	66.9	66.9	67.4	67.4	67.4	67.7	67.7	67.7	67.7	68.3	
GE 9000	1	.3	21.4	54.3	65.9	65.9	66.9	66.9	67.4	67.4	67.4	67.7	67.7	67.7	67.7	68.3	
GE 8000	1	.3	21.4	54.3	65.9	65.9	66.9	66.9	67.4	67.4	67.4	67.7	67.7	67.7	67.7	68.3	
GE 7000	1	.3	21.4	54.3	65.9	65.9	66.9	66.9	67.4	67.4	67.4	67.7	67.7	67.7	67.7	68.3	
GE 6000	1	.3	21.4	54.3	65.9	65.9	66.9	66.9	67.4	67.4	67.4	67.7	67.7	67.7	67.7	68.3	
GE 5000	1	.3	52.7	85.5	97.2	97.2	98.2	98.2	98.7	98.7	98.7	99.0	99.0	99.0	99.0	99.5	
GE 4500	1	.3	53.0	85.8	97.4	97.4	98.4	98.4	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.5	
GE 4000	1	.3	53.0	85.8	97.4	97.4	98.4	98.4	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.5	
GE 3500	1	.3	53.0	85.8	97.4	97.4	98.4	98.4	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.5	
GE 3000	1	.3	53.0	85.8	97.4	97.4	98.4	98.4	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.5	
GE 2500	1	.3	53.0	85.8	97.4	97.4	98.4	98.4	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.5	
GE 2000	1	.3	53.0	85.8	97.4	97.4	98.4	98.4	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.5	
GE 1800	1	.3	53.0	85.8	97.4	97.4	98.4	98.4	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.5	
GE 1500	1	.3	53.0	85.8	97.4	97.4	98.4	98.4	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.5	
GE 1200	1	.3	53.2	86.0	97.7	97.7	98.7	98.7	99.2	99.2	99.2	99.2	99.5	99.5	99.5	99.7	
GE 1000	1	.3	53.5	86.3	97.9	97.9	99.0	99.0	99.5	99.5	99.5	99.5	99.7	99.7	99.7	100.0	
GE 900	1	.3	53.5	86.3	97.9	97.9	99.0	99.0	99.5	99.5	99.5	99.5	99.7	99.7	99.7	100.0	
GE 800	1	.3	53.5	86.3	97.9	97.9	99.0	99.0	99.5	99.5	99.5	99.5	99.7	99.7	99.7	100.0	
GE 700	1	.3	53.5	86.3	97.9	97.9	99.0	99.0	99.5	99.5	99.5	99.5	99.7	99.7	99.7	100.0	
GE 600	1	.3	53.5	86.3	97.9	97.9	99.0	99.0	99.5	99.5	99.5	99.5	99.7	99.7	99.7	100.0	
GE 500	1	.3	53.5	86.3	97.9	97.9	99.0	99.0	99.5	99.5	99.5	99.5	99.7	99.7	99.7	100.0	
GE 400	1	.3	53.5	86.3	97.9	97.9	99.0	99.0	99.5	99.5	99.5	99.5	99.7	99.7	99.7	100.0	
GE 300	1	.3	53.5	86.3	97.9	97.9	99.0	99.0	99.5	99.5	99.5	99.5	99.7	99.7	99.7	100.0	
GE 200	1	.3	53.5	86.3	97.9	97.9	99.0	99.0	99.5	99.5	99.5	99.5	99.7	99.7	99.7	100.0	
GE 100	1	.3	53.5	86.3	97.9	97.9	99.0	99.0	99.5	99.5	99.5	99.5	99.7	99.7	99.7	100.0	
GE 01	1	.3	53.5	86.3	97.9	97.9	99.0	99.0	99.5	99.5	99.5	99.5	99.7	99.7	99.7	100.0	
TOTAL NUMBER OF OBSERVATIONS: 337																	

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 616413 STATION NAME: DAKAR SENEGAL

PERIOD OF RECORD: 75-84
MONTH: NOV HOURS(LST): 3600-0300

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	1	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4
NO CEIL	1	20.7	47.9	54.7	55.2	56.3	56.0	56.3	56.9	56.9	56.9	56.9	56.9	57.1	57.1	57.1
GE 20000		25.5	59.8	69.7	70.3	71.6	71.6	71.9	72.5	72.5	72.5	72.5	72.5	72.7	72.7	72.7
GE 18000		25.5	59.8	69.7	70.3	71.6	71.6	71.9	72.5	72.5	72.5	72.5	72.5	72.7	72.7	72.7
GE 16000		25.5	59.8	69.7	70.3	71.6	71.6	71.9	72.5	72.5	72.5	72.5	72.5	72.7	72.7	72.7
GE 14000		25.5	59.8	69.7	70.3	71.6	71.6	71.9	72.5	72.5	72.5	72.5	72.5	72.7	72.7	72.7
GE 12000		27.0	64.6	75.5	76.5	78.0	78.0	78.5	79.1	79.1	79.1	79.1	79.1	79.3	79.3	79.3
GE 10000		27.0	64.6	75.5	76.5	78.0	78.0	78.5	79.1	79.1	79.1	79.1	79.1	79.3	79.3	79.3
GE 9000		27.0	64.6	75.5	76.5	78.0	78.0	78.5	79.1	79.1	79.1	79.1	79.1	79.3	79.3	79.3
GE 8000		27.0	64.6	75.5	76.5	78.0	78.0	78.5	79.1	79.1	79.1	79.1	79.1	79.3	79.3	79.3
GE 7000		27.0	64.6	75.5	76.5	78.0	78.0	78.5	79.1	79.1	79.1	79.1	79.1	79.3	79.3	79.3
GE 6000		27.0	64.6	75.5	76.5	78.0	78.0	78.5	79.1	79.1	79.1	79.1	79.1	79.3	79.3	79.3
GE 5000		46.6	84.2	95.2	96.0	97.6	97.6	98.0	98.7	98.7	98.7	98.7	98.7	98.9	98.9	98.9
GE 4500		46.6	84.2	95.2	96.0	97.6	97.6	98.0	98.7	98.7	98.7	98.7	98.7	98.9	98.9	98.9
GE 4000		46.6	84.2	95.2	96.0	97.6	97.6	98.0	98.7	98.7	98.7	98.7	98.7	98.9	98.9	98.9
GE 3500		46.6	84.2	95.2	96.0	97.6	97.6	98.0	98.7	98.7	98.7	98.7	98.7	98.9	98.9	98.9
GE 3000		46.6	84.4	95.4	96.3	97.8	97.8	98.2	98.9	98.9	98.9	98.9	98.9	99.1	99.1	99.1
GE 2500		46.6	84.4	95.4	96.3	97.8	97.8	98.2	98.9	98.9	98.9	98.9	98.9	99.1	99.1	99.1
GE 2000		46.6	84.4	95.4	96.3	97.8	97.8	98.2	98.9	98.9	98.9	98.9	98.9	99.1	99.1	99.1
GE 1500		46.6	84.4	95.4	96.3	97.8	97.8	98.2	98.9	98.9	98.9	98.9	98.9	99.1	99.1	99.1
GE 1200		47.3	85.1	96.3	96.9	98.5	98.5	98.9	99.6	99.6	99.6	99.6	99.6	99.8	99.8	99.8
GE 1000		47.3	85.3	96.3	97.1	98.7	98.7	99.1	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0
GE 900		47.3	85.3	96.3	97.1	98.7	98.7	99.1	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0
GE 800		47.3	85.3	96.3	97.1	98.7	98.7	99.1	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0
GE 700		47.3	85.3	96.3	97.1	98.7	98.7	99.1	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0
GE 600		47.3	85.3	96.3	97.1	98.7	98.7	99.1	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0
GE 500		47.3	85.3	96.3	97.1	98.7	98.7	99.1	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0
GE 400		47.3	85.3	96.3	97.1	98.7	98.7	99.1	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0
GE 300		47.3	85.3	96.3	97.1	98.7	98.7	99.1	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0
GE 200		47.3	85.3	96.3	97.1	98.7	98.7	99.1	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0
GE 100		47.3	85.3	96.3	97.1	98.7	98.7	99.1	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0
GE 0		47.3	85.3	96.3	97.1	98.7	98.7	99.1	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 455

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 616413 STATION NAME: DAKAR SENEGAL

PERIOD OF RECORD: 75-84
MONTH: NOV HOURS(EST): 1900-1100

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2	GE 1 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4
NO CEIL	1	18.5	30.2	33.4	35.7	34.2	34.2	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7
GE 20000		32.2	51.1	60.3	60.6	61.8	61.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8
GE 18000		32.2	51.1	60.3	60.6	61.8	61.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8
GE 16000		32.2	51.1	60.3	60.6	61.8	61.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8
GE 14000		32.2	51.4	60.2	60.8	62.1	62.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
GE 12000		35.4	55.6	65.3	66.1	67.3	67.3	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
GE 10000		35.7	55.9	66.1	66.3	67.6	67.6	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
GE 9000		35.7	55.9	66.1	66.3	67.6	67.6	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
GE 8000		35.7	55.9	66.1	66.3	67.6	67.6	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
GE 7000		35.7	55.9	66.1	66.3	67.6	67.6	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
GE 6000		35.7	55.9	66.1	66.3	67.6	67.6	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
GE 5000		64.1	84.3	94.5	94.8	96.0	96.0	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 4500		64.1	84.3	94.5	94.8	96.0	96.0	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 4000		64.1	84.3	94.5	94.8	96.0	96.0	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 3500		64.1	84.3	94.5	94.8	96.0	96.0	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 3000		64.1	84.3	94.5	94.8	96.0	96.0	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 2500		64.1	84.3	94.5	94.8	96.0	96.0	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 2000		64.1	84.3	94.5	94.8	96.0	96.0	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 1800		64.1	84.3	94.5	94.8	96.0	96.0	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 1500		64.8	85.3	95.5	95.8	97.0	97.0	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 1200		65.6	86.3	96.5	96.8	98.0	98.0	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 1000		65.6	86.8	97.3	97.3	98.5	98.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900		65.6	86.8	97.3	97.3	98.5	98.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800		65.6	86.8	97.3	97.3	98.5	98.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700		65.6	86.8	97.3	97.3	98.5	98.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600		65.6	86.8	97.3	97.3	98.5	98.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500		65.6	86.8	97.3	97.3	98.5	98.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400		65.6	86.8	97.3	97.3	98.5	98.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300		65.6	86.8	97.3	97.3	98.5	98.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200		65.6	86.8	97.3	97.3	98.5	98.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100		65.6	86.8	97.3	97.3	98.5	98.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0		65.6	86.8	97.3	97.3	98.5	98.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 431

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 616413 STATION NAME: DAKAR SENEGAL

PERIOD OF RECORD: 75-84
MONTH: NOV
HOURS/DAYS: 1200-1400

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	1	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
	10	8	5	4	3	2	1 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4
NO CEIL	1	21.2	33.0	36.7	37.1	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6
GE 20000		38.4	56.2	63.7	64.2	65.2	65.2	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
GE 18000		38.4	56.2	63.7	64.2	65.2	65.2	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
GE 16000		38.4	56.2	63.7	64.2	65.2	65.2	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
GE 14000		38.4	56.2	63.7	64.2	65.2	65.2	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
GE 12000		41.6	61.8	69.7	70.2	71.2	71.2	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
GE 10000		41.6	61.8	69.7	70.2	71.2	71.2	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
GE 9000		41.6	61.8	69.7	70.2	71.2	71.2	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
GE 8000		41.6	61.8	69.7	70.2	71.2	71.2	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
GE 7000		41.6	61.8	69.7	70.2	71.2	71.2	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
GE 6000		41.6	61.8	69.7	70.2	71.2	71.2	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
GE 5000		68.5	88.6	96.5	97.0	98.1	98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 4500		68.5	88.6	96.5	97.0	98.1	98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 4000		68.5	88.6	96.5	97.0	98.1	98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 3500		68.5	88.6	96.5	97.0	98.1	98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 3000		68.5	88.6	96.5	97.0	98.1	98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 2500		68.5	88.6	96.5	97.0	98.1	98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 2000		68.5	88.6	96.5	97.0	98.1	98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 1800		68.5	88.6	96.5	97.0	98.1	98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 1500		69.5	89.9	97.3	97.9	98.3	98.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 1200		69.5	89.9	97.3	98.3	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1000		69.5	89.9	97.3	98.3	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900		69.5	89.9	97.3	98.3	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800		69.5	89.9	97.3	98.3	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700		69.5	89.9	97.3	98.3	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600		69.5	89.9	97.3	98.3	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500		69.5	89.9	97.3	98.3	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400		69.5	89.9	97.3	98.3	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300		69.5	89.9	97.3	98.3	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200		69.5	89.9	97.3	98.3	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100		69.5	89.9	97.3	98.3	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0		69.5	89.9	97.3	98.3	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 456

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 616410 STATION NAME: DAKAR SENEGAL

PERIOD OF RECORD: 75-84
MONTH: NOV HOURS(UTC): 1500-1700

CEILING		VISIBILITY IN STATUTE MILES															
IN	FEET	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
		1	10	6	5	4	3	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4	1
NO CEIL	1		23.7	30.2	31.7	32.2	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4
GE 20000		.2	39.7	52.1	58.4	58.9	60.1	60.1	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
GE 18000		.2	39.7	52.1	58.4	58.9	60.1	60.1	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
GE 16000		.2	39.7	52.1	58.4	58.9	60.1	60.1	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
GE 14000		.2	39.7	52.4	58.2	59.4	60.6	60.6	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
GE 12000		.2	43.1	56.9	64.5	65.1	66.6	66.6	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
GE 10000		.2	43.1	56.9	64.5	65.1	66.6	66.6	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
GE 9000		.2	43.1	56.9	64.5	65.1	66.6	66.6	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
GE 8000		.2	43.1	56.9	64.5	65.1	66.6	66.6	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
GE 7000		.2	43.1	56.9	64.5	65.1	66.6	66.6	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
GE 6000		.2	43.1	56.9	64.5	65.1	66.6	66.6	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
GE 5000		.2	74.1	87.8	95.5	96.0	97.5	97.5	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 4500		.2	74.1	87.8	95.5	96.0	97.5	97.5	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 4000		.2	74.1	87.8	95.5	96.0	97.5	97.5	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 3500		.2	74.1	87.8	95.5	96.0	97.5	97.5	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 3000		.2	74.1	87.8	95.5	96.0	97.5	97.5	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 2500		.2	74.1	87.8	95.5	96.0	97.5	97.5	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 2000		.2	74.1	87.8	95.5	96.0	97.5	97.5	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 1800		.2	74.1	87.8	95.5	96.0	97.5	97.5	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 1600		.2	74.1	87.8	95.5	96.0	97.5	97.5	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 1400		.2	74.1	87.8	95.5	96.0	97.5	97.5	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 1200		.2	74.1	87.8	95.5	96.0	97.5	97.5	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 1000		.2	74.1	87.8	95.5	96.0	97.5	97.5	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 900		.2	74.1	87.8	95.5	96.0	97.5	97.5	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 800		.2	74.1	87.8	95.5	96.0	97.5	97.5	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 700		.2	74.1	87.8	95.5	96.0	97.5	97.5	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 600		.2	74.1	87.8	95.5	96.0	97.5	97.5	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 500		.2	74.1	87.8	95.5	96.0	97.5	97.5	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 400		.2	74.1	87.8	95.5	96.0	97.5	97.5	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 300		.2	74.1	87.8	95.5	96.0	97.5	97.5	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 200		.2	74.1	87.8	95.5	96.0	97.5	97.5	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 100		.2	74.1	87.8	95.5	96.0	97.5	97.5	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 0		.2	74.1	87.8	95.5	96.0	97.5	97.5	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0

TOTAL NUMBER OF OBSERVATIONS: 431

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 616410 STATION NAME: DAKAR SENEGAL

PERIOD OF RECORD: 75-84
MONTH: NOV HOURS(IST): 1800-2000

CEILING		VISIBILITY IN STATUTE MILES																
IN	FEET	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
		1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	31	33
		10	6	5	4	3	2	1 1/2	1	1/2	1	1/4	1	3/4	5/8	1/2	5/16	1/4
NO CEIL	1	21.4	27.1	30.4	30.6	31.5	31.5	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2
GE 20000		39.6	54.4	59.7	60.4	61.9	61.9	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8
GE 18000		39.6	54.4	59.7	60.4	61.9	61.9	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8
GE 16000		39.6	54.4	59.7	60.4	61.9	61.9	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8
GE 14000		40.7	55.7	61.5	61.9	63.4	63.4	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
GE 12000		44.7	63.0	70.3	71.1	72.7	72.9	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
GE 10000		44.7	63.0	70.3	71.1	72.7	72.9	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
GE 9000		44.7	63.0	70.3	71.1	72.7	72.9	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
GE 8000		44.7	63.0	70.3	71.1	72.7	72.9	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
GE 7000		44.7	63.0	70.3	71.1	72.7	72.9	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
GE 6000		44.7	63.0	70.3	71.1	72.7	72.9	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
GE 5000		70.0	88.3	95.5	96.5	98.0	98.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 4500		70.0	88.3	95.5	96.5	98.0	98.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 4000		70.0	88.3	95.5	96.5	98.0	98.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 3500		70.0	88.3	95.5	96.5	98.0	98.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 3000		70.0	88.3	95.5	96.5	98.0	98.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 2500		70.0	88.3	95.5	96.5	98.0	98.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 2000		70.0	88.3	95.5	96.5	98.0	98.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 1800		70.0	88.3	95.5	96.5	98.0	98.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 1600		70.0	88.3	95.5	96.5	98.0	98.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 1500		70.5	88.8	96.3	96.9	98.5	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1200		70.5	88.8	96.3	96.9	98.5	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1000		70.5	88.8	96.3	96.9	98.5	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900		70.5	88.8	96.3	96.9	98.5	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800		70.5	88.8	96.3	96.9	98.5	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700		70.5	88.8	96.3	96.9	98.5	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600		70.5	88.8	96.3	96.9	98.5	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500		70.5	88.8	96.3	96.9	98.5	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400		70.5	88.8	96.3	96.9	98.5	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300		70.5	88.8	96.3	96.9	98.5	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200		70.5	88.8	96.3	96.9	98.5	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100		70.5	88.8	96.3	96.9	98.5	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 01		70.5	88.8	96.3	96.9	98.5	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 454

SKY COVER

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS LST.	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NUMBER OF HOURS	
		0	1	2	3	4	5	6	7	8	9			10
3-32	42.2	1.3			6.5	11.8	7.8	8.2		7.5	12.4	1.6	3.4	326
4-05	47.2	2.2			5.5	8.8	5.5	5.5		9.9	12.7	2.8	3.4	181
5-08	42.6	3.7			6.1	7.4	6.8	9.1		7.8	14.5	2.0	3.5	296
6-11	24.2	2.6			5.7	9.7	5.7	8.8		17.6	18.5	3.1	4.9	227
7-12-14	2.3	5.7			7.1	8.4	5.4	11.8		15.2	16.8	1.3	4.4	297
8-17	27.8	7.2			7.2	9.7	3.8	10.1		14.3	18.6	1.3	4.4	237
9-21	26.1	4.2			4.6	8.2	5.2	10.8		16.7	21.2	2.9	5.0	306
10-23	31.1	2.7			7.7	14.2	9.3	7.1		13.1	9.3	5.5	4.1	183
TOTALS		33.7	3.7		6.8	9.8	6.2	8.9		12.8	15.5	2.6	4.1	2033

SKY COVER

This summary is prepared from hourly observations and is a percentage frequency distribution of total sky cover by tenths, plus mean sky cover and total number of observations. It is presented by month and available 3-hour groups.

NOTES: 1. Some sources of punched data used for this summary report cloud amounts in eights. These have been converted to tenths prior to summarizing, and notation is made on the form to indicate that data were originally reported in eights. The manner of conversion is given below:

<u>EIGHTS</u>	<u>TENTHS</u>
0	0
1	1
2	3
3	4
4	5
5	6
6	8
7	9
8 (or obscured)	10

2. For Airways stations the symbols of clear, scattered, broken, overcast, and obscured were used as input for the total sky cover.

Clear was converted to 0/10
Scattered was converted to 3/10
Broken was converted to 9/10
Overcast was converted to 10/10
Obscured was converted to 10/10

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 616410 STATION NAME: DAKAR SENEGAL

PERIOD OF RECORD: 75-85
MONTH: ALL HOURS(1ST): ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2	GE 1 1/2	GE 1	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 1/8
NO CELL	.1	20.6	35.2	43.3	43.8	46.0	46.2	48.6	49.3	49.6	49.7	49.8	50.1	50.2	50.2	50.3
GE 20000	.1	27.7	45.9	55.2	56.8	59.5	59.7	62.6	63.5	63.8	64.0	64.2	64.5	64.6	64.6	64.7
GE 18000	.1	27.7	45.9	55.2	56.8	59.5	59.7	62.6	63.5	63.8	64.0	64.2	64.5	64.6	64.6	64.7
GE 16000	.1	27.7	45.9	55.2	56.8	59.5	59.7	62.6	63.5	63.8	64.0	64.2	64.5	64.6	64.6	64.7
GE 14000	.1	28.1	46.6	56.3	57.6	60.3	60.4	63.3	64.3	64.6	64.7	64.9	65.3	65.4	65.4	65.5
GE 12000	.1	34.8	56.5	68.1	69.2	72.3	72.5	75.7	76.7	77.1	77.2	77.5	77.8	78.3	78.3	78.1
GE 10000	.1	34.9	56.5	68.2	69.3	72.4	72.6	75.8	76.8	77.2	77.4	77.6	77.9	78.1	78.1	78.2
GE 9000	.1	34.9	56.5	68.2	69.3	72.4	72.6	75.8	76.8	77.2	77.4	77.6	77.9	78.1	78.1	78.2
GE 8000	.1	34.9	56.5	68.2	69.3	72.4	72.6	75.8	76.8	77.2	77.4	77.6	77.9	78.1	78.1	78.2
GE 7000	.1	34.9	56.5	68.2	69.3	72.4	72.6	75.8	76.8	77.2	77.4	77.6	77.9	78.1	78.1	78.2
GE 6000	.1	34.9	56.5	68.2	69.3	72.4	72.6	75.8	76.8	77.2	77.4	77.6	77.9	78.1	78.1	78.2
GE 5000	.1	47.1	68.7	80.4	81.5	84.6	84.8	88.0	89.0	89.4	89.6	89.8	90.1	90.3	90.3	90.4
GE 4500	.1	47.1	68.7	80.4	81.5	84.6	84.8	88.0	89.0	89.4	89.6	89.8	90.1	90.3	90.3	90.4
GE 4000	.1	47.1	68.7	80.4	81.5	84.6	84.8	88.1	89.0	89.4	89.6	89.8	90.1	90.3	90.3	90.4
GE 3500	.1	47.1	68.7	80.4	81.5	84.6	84.8	88.1	89.0	89.4	89.6	89.8	90.1	90.3	90.3	90.4
GE 3000	.1	47.4	69.1	80.3	82.0	85.0	85.2	88.5	89.5	89.8	90.0	90.2	90.6	90.7	90.7	90.8
GE 2500	.1	47.5	69.3	81.3	82.1	85.1	85.3	88.6	89.6	90.0	90.1	90.3	90.7	90.8	90.8	90.9
GE 2000	.1	48.6	70.4	82.2	83.3	86.3	86.5	89.8	90.8	91.1	91.3	91.5	91.9	92.0	92.0	92.1
GE 1800	.1	48.6	70.4	82.2	83.3	86.3	86.5	89.8	90.8	91.2	91.3	91.6	91.9	92.1	92.1	92.2
GE 1500	.1	51.7	74.0	85.3	87.0	90.0	90.2	93.5	94.5	94.9	95.1	95.3	95.6	95.8	95.8	95.9
GE 1200	.1	53.1	76.2	88.2	89.3	92.4	92.6	95.9	96.9	97.3	97.4	97.6	98.3	98.1	98.2	98.2
GE 1000	.1	53.8	77.2	89.3	90.5	93.5	93.7	97.1	98.1	98.4	98.6	98.8	99.2	99.3	99.3	99.4
GE 900	.1	53.8	77.2	89.3	90.5	93.5	93.7	97.1	98.1	98.4	98.6	98.8	99.2	99.3	99.3	99.4
GE 800	.1	53.9	77.4	89.5	90.7	93.7	93.9	97.3	98.3	98.6	98.8	99.0	99.4	99.5	99.6	99.6
GE 700	.1	53.9	77.4	89.5	90.7	93.8	94.0	97.3	98.3	98.7	98.8	99.1	99.4	99.5	99.6	99.7
GE 600	.1	53.9	77.5	89.7	90.8	93.9	94.1	97.4	98.4	98.8	99.0	99.2	99.6	99.7	99.7	99.8
GE 500	.1	53.9	77.5	89.7	90.9	94.0	94.2	97.5	98.5	98.9	99.1	99.3	99.7	99.8	99.8	99.9
GE 400	.1	53.9	77.5	89.7	90.9	94.0	94.2	97.5	98.5	98.9	99.1	99.3	99.7	99.8	99.8	99.9
GE 300	.1	53.9	77.5	89.7	90.9	94.0	94.2	97.5	98.5	98.9	99.1	99.3	99.7	99.8	99.8	100.0
GE 200	.1	53.9	77.5	89.7	90.9	94.0	94.2	97.5	98.5	98.9	99.1	99.3	99.7	99.8	99.8	100.0
GE 100	.1	53.9	77.6	89.3	90.9	94.0	94.2	97.6	98.6	99.0	99.1	99.4	99.7	99.9	99.9	100.0
GE 00	.1	53.9	77.6	89.3	90.9	94.0	94.2	97.6	98.6	99.0	99.1	99.4	99.7	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS: 41772

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 616410 STATION NAME: DAKAR SENEGAL

PERIOD OF RECORD: 75-84
MONTH: DEC HOURS(IST): ALL

CEILING		VISIBILITY IN STATUTE MILES															
IN FEET	1 1	GE 10	GE 4	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 1
NO CEIL	1	10.1	24.8	32.9	33.7	36.8	36.9	40.3	41.4	41.8	41.8	42.0	42.2	42.3	42.3	42.3	42.3
GE 20000	.0	19.4	42.0	55.4	56.8	61.2	61.3	65.6	66.9	67.3	67.4	67.6	67.8	67.9	67.9	67.9	67.9
GE 18000	.0	19.4	42.0	55.4	56.8	61.2	61.3	65.6	66.9	67.3	67.4	67.6	67.8	67.9	67.9	67.9	67.9
GE 16000	.0	19.4	42.0	55.4	56.8	61.2	61.3	65.6	66.9	67.3	67.4	67.6	67.8	67.9	67.9	67.9	67.9
GE 14000	.0	19.4	42.0	55.4	56.8	61.2	61.3	65.6	66.9	67.3	67.4	67.6	67.8	67.9	67.9	67.9	67.9
GE 12000	.0	24.1	51.9	70.3	72.4	77.6	77.7	82.9	84.6	85.2	85.3	85.6	85.9	85.9	85.9	85.9	85.9
GE 10000	.0	24.1	52.0	70.3	72.4	77.6	77.8	83.0	84.6	85.2	85.3	85.6	85.9	85.9	85.9	85.9	85.9
GE 9000	.0	24.1	52.0	70.3	72.4	77.6	77.8	83.0	84.6	85.2	85.3	85.6	85.9	85.9	85.9	85.9	85.9
GE 8000	.0	24.1	52.0	70.3	72.4	77.6	77.8	83.0	84.6	85.2	85.3	85.6	85.9	85.9	85.9	85.9	85.9
GE 7000	.0	24.1	52.0	70.3	72.4	77.6	77.8	83.0	84.6	85.2	85.3	85.6	85.9	85.9	85.9	85.9	85.9
GE 6000	.0	24.1	52.0	70.3	72.5	77.6	77.8	83.0	84.6	85.3	85.4	85.7	85.9	86.3	86.3	86.3	86.3
GE 5000	.0	37.9	65.8	84.3	86.2	91.4	91.5	96.8	98.4	99.0	99.1	99.4	99.7	99.7	99.7	99.7	99.7
GE 4500	.0	37.9	65.8	84.3	86.2	91.4	91.5	96.8	98.4	99.0	99.1	99.4	99.7	99.7	99.7	99.7	99.7
GE 4000	.0	37.9	65.8	84.3	86.2	91.4	91.5	96.8	98.4	99.0	99.1	99.4	99.7	99.7	99.7	99.7	99.7
GE 3500	.0	37.9	65.8	84.3	86.2	91.4	91.5	96.8	98.4	99.0	99.1	99.4	99.7	99.7	99.7	99.7	99.7
GE 3000	.0	37.9	65.8	84.3	86.2	91.4	91.5	96.8	98.4	99.0	99.1	99.4	99.7	99.7	99.7	99.7	99.7
GE 2500	.0	37.9	65.8	84.3	86.2	91.4	91.5	96.8	98.4	99.0	99.1	99.4	99.7	99.7	99.7	99.7	99.7
GE 2000	.0	37.9	65.8	84.3	86.3	91.4	91.6	96.8	98.4	99.0	99.2	99.4	99.7	99.7	99.7	99.7	99.7
GE 1800	.0	37.9	65.8	84.3	86.3	91.4	91.6	96.8	98.4	99.0	99.2	99.4	99.7	99.7	99.7	99.7	99.7
GE 1500	.0	37.9	65.8	84.3	86.3	91.4	91.6	96.8	98.4	99.0	99.2	99.4	99.7	99.7	99.7	99.7	99.7
GE 1200	.0	37.9	65.8	84.3	86.4	91.5	91.7	96.9	98.6	99.2	99.3	99.6	99.8	99.8	99.8	99.8	99.8
GE 1000	.0	37.9	65.8	84.3	86.4	91.5	91.7	96.9	98.6	99.2	99.3	99.6	99.8	99.8	99.8	99.8	99.8
GE 900	.0	37.9	65.8	84.3	86.4	91.5	91.7	96.9	98.6	99.2	99.3	99.6	99.8	99.8	99.8	99.8	99.8
GE 800	.0	37.9	65.8	84.3	86.4	91.5	91.7	96.9	98.6	99.2	99.3	99.6	99.8	99.8	99.8	99.8	99.8
GE 700	.0	37.9	65.8	84.3	86.4	91.5	91.7	96.9	98.6	99.2	99.3	99.6	99.8	99.8	99.8	99.8	99.8
GE 600	.0	37.9	65.8	84.3	86.4	91.5	91.7	96.9	98.6	99.2	99.3	99.6	99.8	99.8	99.8	99.8	99.8
GE 500	.0	37.9	65.8	84.3	86.4	91.6	91.7	97.0	98.6	99.2	99.3	99.6	99.9	99.9	99.9	99.9	99.9
GE 400	.0	37.9	65.8	84.3	86.4	91.6	91.7	97.0	98.6	99.2	99.3	99.6	99.9	99.9	99.9	99.9	99.9
GE 300	.0	37.9	65.8	84.3	86.4	91.6	91.8	97.0	98.6	99.2	99.4	99.6	99.9	99.9	99.9	100.0	100.0
GE 200	.0	37.9	65.8	84.3	86.4	91.6	91.8	97.0	98.6	99.2	99.4	99.6	99.9	99.9	99.9	100.0	100.0
GE 100	.0	37.9	65.8	84.3	86.4	91.6	91.8	97.0	98.6	99.2	99.4	99.6	99.9	100.0	100.0	100.0	100.0
GE 01	.0	37.9	65.8	84.3	86.4	91.6	91.8	97.0	98.6	99.2	99.4	99.6	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 3512

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 616410 STATION NAME: DAKAR SENEGAL

PERIOD OF RECORD: 75-84
MONTH: DEC HOURS(LST): 2100-2300

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	1	10	6	5	4	3	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4	3/8
NO CEIL	1	7.9	21.8	29.7	31.3	33.2	33.2	37.4	38.2	38.9	38.9	39.2	39.2	39.2	39.2	39.2
GE 20000	.3	13.4	33.9	47.9	50.5	53.4	53.4	60.0	60.8	61.6	61.6	61.8	61.8	61.8	61.8	61.8
GE 18000	.3	13.4	33.9	47.9	50.5	53.4	53.4	60.0	60.8	61.6	61.6	61.8	61.8	61.8	61.8	61.8
GE 16000	.3	13.4	33.9	47.9	50.5	53.4	53.4	60.0	60.8	61.6	61.6	61.8	61.8	61.8	61.8	61.8
GE 14000	.3	14.2	34.7	48.7	51.3	54.5	54.5	61.1	61.8	62.6	62.6	62.9	62.9	62.9	62.9	62.9
GE 12000	.3	17.9	42.9	65.3	67.9	71.6	71.6	79.5	80.5	81.3	81.3	81.6	81.6	81.6	81.6	81.6
GE 10000	.3	17.9	42.9	65.3	67.9	71.6	71.6	79.5	80.5	81.3	81.3	81.6	81.6	81.6	81.6	81.6
GE 9000	.3	17.9	42.9	65.3	67.9	71.6	71.6	79.5	80.5	81.3	81.3	81.6	81.6	81.6	81.6	81.6
GE 8000	.3	17.9	42.9	65.3	67.9	71.6	71.6	79.5	80.5	81.3	81.3	81.6	81.6	81.6	81.6	81.6
GE 7000	.3	17.9	42.9	65.3	67.9	71.6	71.6	79.5	80.5	81.3	81.3	81.6	81.6	81.6	81.6	81.6
GE 6000	.3	17.9	42.9	65.3	67.9	71.6	71.6	79.5	80.5	81.3	81.3	81.6	81.6	81.6	81.6	81.6
GE 5000	.3	36.3	61.3	83.7	86.3	90.0	90.0	97.9	98.9	99.7	99.7	100.0	100.0	100.0	100.0	100.0
GE 4500	.3	36.3	61.3	83.7	86.3	90.0	90.0	97.9	98.9	99.7	99.7	100.0	100.0	100.0	100.0	100.0
GE 4000	.3	36.3	61.3	83.7	86.3	90.0	90.0	97.9	98.9	99.7	99.7	100.0	100.0	100.0	100.0	100.0
GE 3500	.3	36.3	61.3	83.7	86.3	90.0	90.0	97.9	98.9	99.7	99.7	100.0	100.0	100.0	100.0	100.0
GE 3000	.3	36.3	61.3	83.7	86.3	90.0	90.0	97.9	98.9	99.7	99.7	100.0	100.0	100.0	100.0	100.0
GE 2500	.3	36.3	61.3	83.7	86.3	90.0	90.0	97.9	98.9	99.7	99.7	100.0	100.0	100.0	100.0	100.0
GE 2000	.3	36.3	61.3	83.7	86.3	90.0	90.0	97.9	98.9	99.7	99.7	100.0	100.0	100.0	100.0	100.0
GE 1800	.3	36.3	61.3	83.7	86.3	90.0	90.0	97.9	98.9	99.7	99.7	100.0	100.0	100.0	100.0	100.0
GE 1600	.3	36.3	61.3	83.7	86.3	90.0	90.0	97.9	98.9	99.7	99.7	100.0	100.0	100.0	100.0	100.0
GE 1400	.3	36.3	61.3	83.7	86.3	90.0	90.0	97.9	98.9	99.7	99.7	100.0	100.0	100.0	100.0	100.0
GE 1200	.3	36.3	61.3	83.7	86.3	90.0	90.0	97.9	98.9	99.7	99.7	100.0	100.0	100.0	100.0	100.0
GE 1000	.3	36.3	61.3	83.7	86.3	90.0	90.0	97.9	98.9	99.7	99.7	100.0	100.0	100.0	100.0	100.0
GE 900	.3	36.3	61.3	83.7	86.3	90.0	90.0	97.9	98.9	99.7	99.7	100.0	100.0	100.0	100.0	100.0
GE 800	.3	36.3	61.3	83.7	86.3	90.0	90.0	97.9	98.9	99.7	99.7	100.0	100.0	100.0	100.0	100.0
GE 700	.3	36.3	61.3	83.7	86.3	90.0	90.0	97.9	98.9	99.7	99.7	100.0	100.0	100.0	100.0	100.0
GE 600	.3	36.3	61.3	83.7	86.3	90.0	90.0	97.9	98.9	99.7	99.7	100.0	100.0	100.0	100.0	100.0
GE 500	.3	36.3	61.3	83.7	86.3	90.0	90.0	97.9	98.9	99.7	99.7	100.0	100.0	100.0	100.0	100.0
GE 400	.3	36.3	61.3	83.7	86.3	90.0	90.0	97.9	98.9	99.7	99.7	100.0	100.0	100.0	100.0	100.0
GE 300	.3	36.3	61.3	83.7	86.3	90.0	90.0	97.9	98.9	99.7	99.7	100.0	100.0	100.0	100.0	100.0
GE 200	.3	36.3	61.3	83.7	86.3	90.0	90.0	97.9	98.9	99.7	99.7	100.0	100.0	100.0	100.0	100.0
GE 100	.3	36.3	61.3	83.7	86.3	90.0	90.0	97.9	98.9	99.7	99.7	100.0	100.0	100.0	100.0	100.0
GE 0	.3	36.3	61.3	83.7	86.3	90.0	90.0	97.9	98.9	99.7	99.7	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 330

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 616413 STATION NAME: DAKAR SENEGAL

PERIOD OF RECORD: 75-84
MONTH: DEC HOURS(IST): 1800-2300

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	1	1 1/2	2	2 1/2	3	3 1/2	4	4 1/2	5	5 1/2	6	6 1/2	7	7 1/2	8	8 1/2
NO CEIL	11.3	16.2	21.5	22.3	24.8	24.8	28.5	29.3	29.3	29.3	29.5	29.9	29.9	29.9	29.9	29.9
GE 20000	26.8	37.9	48.4	49.2	52.5	52.7	58.0	59.2	59.2	59.2	59.4	59.8	59.8	59.8	59.8	59.8
GE 18030	26.8	37.9	48.4	49.2	52.5	52.7	58.0	59.2	59.2	59.2	59.4	59.8	59.8	59.8	59.8	59.8
GE 16030	26.8	37.9	48.4	49.2	52.5	52.7	58.0	59.2	59.2	59.2	59.4	59.8	59.8	59.8	59.8	59.8
GE 14000	27.5	38.5	49.3	49.8	53.3	53.5	58.8	60.0	60.0	60.0	60.2	60.7	60.7	60.7	60.7	60.7
GE 12030	36.3	52.5	68.7	69.9	74.2	74.4	80.9	82.8	83.6	83.6	83.8	84.4	84.4	84.4	84.4	84.4
GE 10030	36.3	52.5	68.7	69.9	74.2	74.4	80.9	82.8	83.6	83.6	83.8	84.4	84.4	84.4	84.4	84.4
GE 9030	36.3	52.5	68.7	69.9	74.2	74.4	80.9	82.8	83.6	83.6	83.8	84.4	84.4	84.4	84.4	84.4
GE 8030	36.3	52.5	68.7	69.9	74.2	74.4	80.9	82.8	83.6	83.6	83.8	84.4	84.4	84.4	84.4	84.4
GE 7030	36.3	52.5	68.7	69.9	74.2	74.4	80.9	82.8	83.6	83.6	83.8	84.4	84.4	84.4	84.4	84.4
GE 6030	36.3	52.5	68.7	69.9	74.2	74.4	80.9	82.8	83.6	83.6	83.8	84.4	84.4	84.4	84.4	84.4
GE 5000	51.6	67.8	84.2	85.2	89.5	89.8	96.3	98.2	99.0	99.0	99.2	99.8	99.8	99.8	99.8	99.8
GE 4500	51.6	67.8	84.2	85.2	89.5	89.8	96.3	98.2	99.0	99.0	99.2	99.8	99.8	99.8	99.8	99.8
GE 4030	51.6	67.8	84.2	85.2	89.5	89.8	96.3	98.2	99.0	99.0	99.2	99.8	99.8	99.8	99.8	99.8
GE 3530	51.6	67.8	84.2	85.2	89.5	89.8	96.3	98.2	99.0	99.0	99.2	99.8	99.8	99.8	99.8	99.8
GE 3030	51.6	67.8	84.2	85.2	89.5	89.8	96.3	98.2	99.0	99.0	99.2	99.8	99.8	99.8	99.8	99.8
GE 2530	51.6	67.8	84.2	85.2	89.5	89.8	96.3	98.2	99.0	99.0	99.2	99.8	99.8	99.8	99.8	99.8
GE 2030	51.6	67.8	84.2	85.2	89.5	89.8	96.3	98.2	99.0	99.0	99.2	99.8	99.8	99.8	99.8	99.8
GE 1800	51.6	67.8	84.2	85.2	89.5	89.8	96.3	98.2	99.0	99.0	99.2	99.8	99.8	99.8	99.8	99.8
GE 1530	51.6	67.8	84.2	85.2	89.5	89.8	96.3	98.2	99.0	99.0	99.2	99.8	99.8	99.8	99.8	99.8
GE 1200	51.6	67.8	84.2	85.2	89.5	89.8	96.3	98.2	99.0	99.0	99.2	99.8	99.8	99.8	99.8	99.8
GE 1030	51.6	67.8	84.2	85.2	89.5	89.8	96.3	98.2	99.0	99.0	99.2	99.8	99.8	99.8	99.8	99.8
GE 900	51.6	67.8	84.2	85.2	89.5	89.8	96.3	98.2	99.0	99.0	99.2	99.8	99.8	99.8	99.8	99.8
GE 800	51.6	67.8	84.2	85.2	89.5	89.8	96.3	98.2	99.0	99.0	99.2	99.8	99.8	99.8	99.8	99.8
GE 700	51.6	67.8	84.2	85.2	89.5	89.8	96.3	98.2	99.0	99.0	99.2	99.8	99.8	99.8	99.8	99.8
GE 600	51.6	67.8	84.2	85.2	89.5	89.8	96.3	98.2	99.0	99.0	99.2	99.8	99.8	99.8	99.8	99.8
GE 500	51.6	67.8	84.2	85.2	89.5	89.8	96.3	98.2	99.0	99.0	99.2	99.8	99.8	99.8	99.8	99.8
GE 400	51.6	67.8	84.2	85.2	89.5	89.8	96.3	98.2	99.0	99.0	99.2	99.8	99.8	99.8	99.8	99.8
GE 300	51.6	67.8	84.2	85.2	89.5	89.8	96.3	98.2	99.0	99.0	99.2	99.8	99.8	99.8	99.8	99.8
GE 200	51.6	67.8	84.2	85.2	89.5	89.8	96.3	98.2	99.0	99.0	99.2	99.8	99.8	99.8	99.8	99.8
GE 100	51.6	67.8	84.2	85.2	89.5	89.8	96.3	98.2	99.0	99.0	99.2	99.8	100.0	100.0	100.0	100.0
GE 0	51.6	67.8	84.2	85.2	89.5	89.8	96.3	98.2	99.0	99.0	99.2	99.8	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 438

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 616413 STATION NAME: DAKAR SENEGAL

PERIOD OF RECORD: 75-84
MONTH: DEC 42051511: 1500-1700

CEILING	VISIBILITY IN STATUTE MILES																
	IN	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
	FEET	1	10	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4	3
NO CEIL	1	12.6	17.8	24.3	24.0	28.4	28.6	31.6	33.2	33.2	33.2	33.9	33.9	33.9	33.9	33.9	33.9
GE 20000	1	27.5	41.2	53.1	53.8	59.7	60.0	63.6	65.9	65.9	65.9	66.6	66.6	66.6	66.6	66.6	66.6
GE 18000	1	27.5	41.2	53.1	53.8	59.7	60.0	63.6	65.9	65.9	65.9	66.6	66.6	66.6	66.6	66.6	66.6
GE 16000	1	27.5	41.2	53.1	53.8	59.7	60.0	63.6	65.9	65.9	65.9	66.6	66.6	66.6	66.6	66.6	66.6
GE 14000	1	27.5	41.2	53.1	53.8	59.7	60.0	63.6	65.9	65.9	65.9	66.6	66.6	66.6	66.6	66.6	66.6
GE 12000	1	32.7	49.4	64.3	65.9	73.2	73.5	77.3	80.1	80.5	80.5	81.5	81.5	81.5	81.7	81.7	81.7
GE 10000	1	32.7	49.4	64.3	65.9	73.2	73.5	77.3	80.1	80.5	80.5	81.5	81.5	81.5	81.7	81.7	81.7
GE 9000	1	32.7	49.4	64.3	65.9	73.2	73.5	77.3	80.1	80.5	80.5	81.5	81.5	81.5	81.7	81.7	81.7
GE 8000	1	32.7	49.4	64.3	65.9	73.2	73.5	77.3	80.1	80.5	80.5	81.5	81.5	81.5	81.7	81.7	81.7
GE 7000	1	32.7	49.4	64.3	65.9	73.2	73.5	77.3	80.1	80.5	80.5	81.5	81.5	81.5	81.7	81.7	81.7
GE 6000	1	32.7	49.4	64.3	65.9	73.2	73.5	77.3	80.1	80.5	80.5	81.5	81.5	81.5	81.7	81.7	81.7
GE 5000	1	51.0	67.7	83.1	84.2	91.5	91.8	95.7	98.4	98.9	98.9	99.8	99.8	100.0	100.0	100.0	100.0
GE 4500	1	51.0	67.7	83.1	84.2	91.5	91.8	95.7	98.4	98.9	98.9	99.8	99.8	100.0	100.0	100.0	100.0
GE 4000	1	51.0	67.7	83.1	84.2	91.5	91.8	95.7	98.4	98.9	98.9	99.8	99.8	100.0	100.0	100.0	100.0
GE 3500	1	51.0	67.7	83.1	84.2	91.5	91.8	95.7	98.4	98.9	98.9	99.8	99.8	100.0	100.0	100.0	100.0
GE 3000	1	51.0	67.7	83.1	84.2	91.5	91.8	95.7	98.4	98.9	98.9	99.8	99.8	100.0	100.0	100.0	100.0
GE 2500	1	51.0	67.7	83.1	84.2	91.5	91.8	95.7	98.4	98.9	98.9	99.8	99.8	100.0	100.0	100.0	100.0
GE 2000	1	51.0	67.7	83.1	84.2	91.5	91.8	95.7	98.4	98.9	98.9	99.8	99.8	100.0	100.0	100.0	100.0
GE 1800	1	51.0	67.7	83.1	84.2	91.5	91.8	95.7	98.4	98.9	98.9	99.8	99.8	100.0	100.0	100.0	100.0
GE 1600	1	51.0	67.7	83.1	84.2	91.5	91.8	95.7	98.4	98.9	98.9	99.8	99.8	100.0	100.0	100.0	100.0
GE 1400	1	51.0	67.7	83.1	84.2	91.5	91.8	95.7	98.4	98.9	98.9	99.8	99.8	100.0	100.0	100.0	100.0
GE 1200	1	51.0	67.7	83.1	84.2	91.5	91.8	95.7	98.4	98.9	98.9	99.8	99.8	100.0	100.0	100.0	100.0
GE 1000	1	51.0	67.7	83.1	84.2	91.5	91.8	95.7	98.4	98.9	98.9	99.8	99.8	100.0	100.0	100.0	100.0
GE 900	1	51.0	67.7	83.1	84.2	91.5	91.8	95.7	98.4	98.9	98.9	99.8	99.8	100.0	100.0	100.0	100.0
GE 800	1	51.0	67.7	83.1	84.2	91.5	91.8	95.7	98.4	98.9	98.9	99.8	99.8	100.0	100.0	100.0	100.0
GE 700	1	51.0	67.7	83.1	84.2	91.5	91.8	95.7	98.4	98.9	98.9	99.8	99.8	100.0	100.0	100.0	100.0
GE 600	1	51.0	67.7	83.1	84.2	91.5	91.8	95.7	98.4	98.9	98.9	99.8	99.8	100.0	100.0	100.0	100.0
GE 500	1	51.0	67.7	83.1	84.2	91.5	91.8	95.7	98.4	98.9	98.9	99.8	99.8	100.0	100.0	100.0	100.0
GE 400	1	51.0	67.7	83.1	84.2	91.5	91.8	95.7	98.4	98.9	98.9	99.8	99.8	100.0	100.0	100.0	100.0
GE 300	1	51.0	67.7	83.1	84.2	91.5	91.8	95.7	98.4	98.9	98.9	99.8	99.8	100.0	100.0	100.0	100.0
GE 200	1	51.0	67.7	83.1	84.2	91.5	91.8	95.7	98.4	98.9	98.9	99.8	99.8	100.0	100.0	100.0	100.0
GE 100	1	51.0	67.7	83.1	84.2	91.5	91.8	95.7	98.4	98.9	98.9	99.8	99.8	100.0	100.0	100.0	100.0
GE 01	1	51.0	67.7	83.1	84.2	91.5	91.8	95.7	98.4	98.9	98.9	99.8	99.8	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 437

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 616410 STATION NAME: DAKAR SENEGAL

PERIOD OF RECORD: 75-84

MONTH: DEC

MONTHS(S) LAST: 1202-1203

CEILING		VISIBILITY IN STATUTE MILES																
IN FEET	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
	10	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4	3			
NO CEIL	12.6	20.9	26.3	27.2	31.1	31.1	34.3	36.0	36.2	36.2	36.4	36.8	36.8	36.8	36.3			
GE 20000	28.3	43.4	55.1	55.7	63.0	63.0	66.6	68.5	68.7	68.7	68.9	69.4	69.4	69.4	69.4			
GE 18000	28.3	43.4	55.1	55.7	63.0	63.0	66.6	68.5	68.7	68.7	68.9	69.4	69.4	69.4	69.4			
GE 16000	28.3	43.4	55.1	55.7	63.0	63.0	66.6	68.5	68.7	68.7	68.9	69.4	69.4	69.4	69.4			
GE 14000	28.3	43.4	55.1	55.7	63.0	63.0	66.6	68.5	68.7	68.7	68.9	69.4	69.4	69.4	69.4			
GE 12000	34.0	53.2	68.5	69.4	77.0	77.0	81.1	83.8	83.8	83.8	84.3	84.7	84.7	84.7	84.7			
GE 10000	34.0	53.2	68.5	69.4	77.0	77.0	81.1	83.8	83.8	83.8	84.3	84.7	84.7	84.7	84.7			
GE 9000	34.0	53.2	68.5	69.4	77.0	77.0	81.1	83.8	83.8	83.8	84.3	84.7	84.7	84.7	84.7			
GE 8000	34.0	53.2	68.5	69.4	77.0	77.0	81.1	83.8	83.8	83.8	84.3	84.7	84.7	84.7	84.7			
GE 7000	34.0	53.2	68.5	69.4	77.0	77.0	81.1	83.8	83.8	83.8	84.3	84.7	84.7	84.7	84.7			
GE 6000	34.0	53.2	68.5	69.4	77.0	77.0	81.1	83.8	83.8	83.8	84.3	84.7	84.7	84.7	84.7			
GE 5000	48.7	67.9	83.2	84.0	91.7	91.7	95.7	98.1	98.5	98.5	98.9	99.4	99.4	99.4	99.4			
GE 4500	48.7	67.9	83.2	84.0	91.7	91.7	95.7	98.1	98.5	98.5	98.9	99.4	99.4	99.4	99.4			
GE 4000	48.7	67.9	83.2	84.0	91.7	91.7	95.7	98.1	98.5	98.5	98.9	99.4	99.4	99.4	99.4			
GE 3500	48.7	67.9	83.2	84.0	91.7	91.7	95.7	98.1	98.5	98.5	98.9	99.4	99.4	99.4	99.4			
GE 3000	48.7	67.9	83.2	84.0	91.7	91.7	95.7	98.1	98.5	98.5	98.9	99.4	99.4	99.4	99.4			
GE 2500	48.7	67.9	83.2	84.0	91.7	91.7	95.7	98.1	98.5	98.5	98.9	99.4	99.4	99.4	99.4			
GE 2000	48.7	67.9	83.2	84.0	91.7	91.7	95.7	98.1	98.5	98.5	98.9	99.4	99.4	99.4	99.4			
GE 1800	48.7	67.9	83.2	84.0	91.7	91.7	95.7	98.1	98.5	98.5	98.9	99.4	99.4	99.4	99.4			
GE 1600	48.7	67.9	83.2	84.0	91.7	91.7	95.7	98.1	98.5	98.5	98.9	99.4	99.4	99.4	99.4			
GE 1500	48.9	68.1	83.3	84.7	92.3	92.3	96.4	98.7	99.1	99.1	99.6	100.0	100.0	100.0	100.0			
GE 1200	48.9	68.1	83.3	84.7	92.3	92.3	96.4	98.7	99.1	99.1	99.6	100.0	100.0	100.0	100.0			
GE 1000	48.9	68.1	83.3	84.7	92.3	92.3	96.4	98.7	99.1	99.1	99.6	100.0	100.0	100.0	100.0			
GE 900	48.9	68.1	83.3	84.7	92.3	92.3	96.4	98.7	99.1	99.1	99.6	100.0	100.0	100.0	100.0			
GE 800	48.9	68.1	83.3	84.7	92.3	92.3	96.4	98.7	99.1	99.1	99.6	100.0	100.0	100.0	100.0			
GE 700	48.9	68.1	83.3	84.7	92.3	92.3	96.4	98.7	99.1	99.1	99.6	100.0	100.0	100.0	100.0			
GE 600	48.9	68.1	83.3	84.7	92.3	92.3	96.4	98.7	99.1	99.1	99.6	100.0	100.0	100.0	100.0			
GE 500	48.9	68.1	83.3	84.7	92.3	92.3	96.4	98.7	99.1	99.1	99.6	100.0	100.0	100.0	100.0			
GE 400	48.9	68.1	83.3	84.7	92.3	92.3	96.4	98.7	99.1	99.1	99.6	100.0	100.0	100.0	100.0			
GE 300	48.9	68.1	83.3	84.7	92.3	92.3	96.4	98.7	99.1	99.1	99.6	100.0	100.0	100.0	100.0			
GE 200	48.9	68.1	83.3	84.7	92.3	92.3	96.4	98.7	99.1	99.1	99.6	100.0	100.0	100.0	100.0			
GE 100	48.9	68.1	83.3	84.7	92.3	92.3	96.4	98.7	99.1	99.1	99.6	100.0	100.0	100.0	100.0			
GE 01	48.9	68.1	83.3	84.7	92.3	92.3	96.4	98.7	99.1	99.1	99.6	100.0	100.0	100.0	100.0			

TOTAL NUMBER OF OBSERVATION : 470

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 616413 STATION NAME: DAKAR SENEGAL

PERIOD OF RECORD: 75-84
MONTH: DEC HOURS(LEST): 1900-1100

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	1	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4
NO CEIL	1	10.0	20.6	24.9	25.1	28.5	28.5	31.6	32.5	33.3	33.3	33.7	34.4	34.4	34.4	34.4
GE 20000	1	21.1	40.2	50.3	52.4	58.9	58.9	62.0	62.9	63.6	64.4	64.8	65.6	65.6	65.6	65.6
GE 18000	1	21.1	40.2	50.3	52.4	58.9	58.9	62.0	62.9	63.6	64.4	64.8	65.6	65.6	65.6	65.6
GE 16000	1	21.1	40.2	50.3	52.4	58.9	58.9	62.0	62.9	63.6	64.4	64.8	65.6	65.6	65.6	65.6
GE 14000	1	21.1	41.1	51.1	53.3	60.0	60.0	63.2	64.1	64.8	65.6	66.0	66.7	66.7	66.7	66.7
GE 12000	1	26.3	50.2	65.3	67.9	75.1	75.1	79.9	81.3	82.1	82.8	83.3	84.0	84.0	84.0	84.0
GE 10000	1	26.3	50.2	65.3	67.9	75.1	75.1	79.9	81.3	82.1	82.8	83.3	84.0	84.0	84.0	84.0
GE 9000	1	26.3	50.2	65.3	67.9	75.1	75.1	79.9	81.3	82.1	82.8	83.3	84.0	84.0	84.0	84.0
GE 8000	1	26.3	50.2	65.3	67.9	75.1	75.1	79.9	81.3	82.1	82.8	83.3	84.0	84.0	84.0	84.0
GE 7000	1	26.3	50.2	65.3	67.9	75.1	75.1	79.9	81.3	82.1	82.8	83.3	84.0	84.0	84.0	84.0
GE 6000	1	26.3	50.2	65.3	67.9	75.1	75.1	79.9	81.3	82.1	82.8	83.3	84.0	84.0	84.0	84.0
GE 5000	1	41.9	65.8	80.9	83.5	90.7	90.7	95.5	96.9	97.6	98.3	98.8	99.5	99.5	99.5	99.5
GE 4500	1	41.9	65.8	80.9	83.5	90.7	90.7	95.5	96.9	97.6	98.3	98.8	99.5	99.5	99.5	99.5
GE 4000	1	41.9	65.8	80.9	83.5	90.7	90.7	95.5	96.9	97.6	98.3	98.8	99.5	99.5	99.5	99.5
GE 3500	1	41.9	65.8	80.9	83.5	90.7	90.7	95.5	96.9	97.6	98.3	98.8	99.5	99.5	99.5	99.5
GE 3000	1	41.9	65.8	80.9	83.5	90.7	90.7	95.5	96.9	97.6	98.3	98.8	99.5	99.5	99.5	99.5
GE 2500	1	41.9	65.8	80.9	83.5	90.7	90.7	95.5	96.9	97.6	98.3	98.8	99.5	99.5	99.5	99.5
GE 2000	1	41.9	65.8	80.9	83.5	90.7	90.7	95.5	96.9	97.6	98.3	98.8	99.5	99.5	99.5	99.5
GE 1800	1	41.9	65.8	80.9	83.5	90.7	90.7	95.5	96.9	97.6	98.3	98.8	99.5	99.5	99.5	99.5
GE 1600	1	41.9	65.8	81.1	83.7	90.9	90.9	95.7	97.1	97.8	98.6	99.0	99.8	99.8	99.8	99.8
GE 1200	1	41.9	65.8	81.3	84.0	91.1	91.1	95.9	97.4	98.1	98.8	99.3	100.0	100.0	100.0	100.0
GE 1000	1	41.9	65.8	81.3	84.0	91.1	91.1	95.9	97.4	98.1	98.8	99.3	100.0	100.0	100.0	100.0
GE 900	1	41.9	65.8	81.3	84.0	91.1	91.1	95.9	97.4	98.1	98.8	99.3	100.0	100.0	100.0	100.0
GE 800	1	41.9	65.8	81.3	84.0	91.1	91.1	95.9	97.4	98.1	98.8	99.3	100.0	100.0	100.0	100.0
GE 700	1	41.9	65.8	81.3	84.0	91.1	91.1	95.9	97.4	98.1	98.8	99.3	100.0	100.0	100.0	100.0
GE 600	1	41.9	65.8	81.3	84.0	91.1	91.1	95.9	97.4	98.1	98.8	99.3	100.0	100.0	100.0	100.0
GE 500	1	41.9	65.8	81.3	84.0	91.1	91.1	95.9	97.4	98.1	98.8	99.3	100.0	100.0	100.0	100.0
GE 400	1	41.9	65.8	81.3	84.0	91.1	91.1	95.9	97.4	98.1	98.8	99.3	100.0	100.0	100.0	100.0
GE 300	1	41.9	65.8	81.3	84.0	91.1	91.1	95.9	97.4	98.1	98.8	99.3	100.0	100.0	100.0	100.0
GE 200	1	41.9	65.8	81.3	84.0	91.1	91.1	95.9	97.4	98.1	98.8	99.3	100.0	100.0	100.0	100.0
GE 100	1	41.9	65.8	81.3	84.0	91.1	91.1	95.9	97.4	98.1	98.8	99.3	100.0	100.0	100.0	100.0
GE 0	1	41.9	65.8	81.3	84.0	91.1	91.1	95.9	97.4	98.1	98.8	99.3	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 418

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 616410 STATION NAME: DAKAR SENEGAL

PERIOD OF RECORD: 75-84
MONTH: DEC 40JRS(LST): 3600-3800

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	1	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4
NO CEIL	1	8.4	36.3	45.2	46.8	49.8	50.0	53.6	54.2	54.6	54.8	54.8	55.0	55.0	55.0	55.0
GE 20000		12.8	50.0	63.4	66.0	68.9	69.5	73.5	74.4	74.8	75.0	75.0	75.2	75.2	75.2	75.2
GE 18000		12.8	50.0	63.4	66.0	68.9	69.5	73.5	74.4	74.8	75.0	75.0	75.2	75.2	75.2	75.2
GE 16000		12.8	50.0	63.4	66.0	68.9	69.5	73.5	74.4	74.8	75.0	75.0	75.2	75.2	75.2	75.2
GE 14000		12.8	50.0	63.4	66.0	68.9	70.0	73.9	74.8	75.2	75.4	75.4	75.6	75.6	75.6	75.6
GE 12000		14.9	58.0	77.1	79.8	83.0	83.8	88.9	90.1	90.5	90.8	90.8	91.0	91.0	91.0	91.0
GE 10000		14.9	58.2	77.3	80.0	83.2	84.0	89.1	90.3	90.8	91.0	91.0	91.2	91.2	91.2	91.2
GE 9000		14.9	58.2	77.3	80.0	83.2	84.0	89.1	90.3	90.8	91.0	91.0	91.2	91.2	91.2	91.2
GE 8000		14.9	58.2	77.3	80.0	83.2	84.0	89.1	90.3	90.8	91.0	91.0	91.2	91.2	91.2	91.2
GE 7000		14.9	58.2	77.3	80.0	83.2	84.0	89.1	90.3	90.8	91.0	91.0	91.2	91.2	91.2	91.2
GE 6000		14.9	58.2	77.3	80.0	83.2	84.0	89.1	90.3	90.8	91.0	91.0	91.2	91.2	91.2	91.2
GE 5000		23.3	66.6	85.7	88.4	91.6	92.4	97.5	98.7	99.2	99.4	99.4	99.6	99.6	99.6	99.6
GE 4500		23.3	66.6	85.7	88.4	91.6	92.4	97.5	98.7	99.2	99.4	99.4	99.6	99.6	99.6	99.6
GE 4000		23.3	66.6	85.7	88.4	91.6	92.4	97.5	98.7	99.2	99.4	99.4	99.6	99.6	99.6	99.6
GE 3500		23.3	66.6	85.7	88.4	91.6	92.4	97.5	98.7	99.2	99.4	99.4	99.6	99.6	99.6	99.6
GE 3000		23.3	66.6	85.7	88.4	91.6	92.4	97.5	98.7	99.2	99.4	99.4	99.6	99.6	99.6	99.6
GE 2500		23.3	66.6	85.7	88.4	91.6	92.4	97.5	98.7	99.2	99.4	99.4	99.6	99.6	99.6	99.6
GE 2000		23.3	66.6	85.7	88.4	91.6	92.4	97.5	98.7	99.2	99.4	99.4	99.6	99.6	99.6	99.6
GE 1800		23.3	66.6	85.7	88.4	91.6	92.4	97.5	98.7	99.2	99.4	99.4	99.6	99.6	99.6	99.6
GE 1500		23.3	66.6	85.7	88.4	91.6	92.4	97.5	98.7	99.2	99.4	99.4	99.6	99.6	99.6	99.6
GE 1200		23.3	66.6	85.7	88.7	91.8	92.6	97.7	98.9	99.4	99.6	99.6	99.8	99.8	99.8	99.8
GE 1000		23.3	66.6	85.7	88.7	91.8	92.6	97.7	98.9	99.4	99.6	99.6	99.8	99.8	99.8	99.8
GE 900		23.3	66.6	85.7	88.7	91.8	92.6	97.7	98.9	99.4	99.6	99.6	99.8	99.8	99.8	99.8
GE 800		23.3	66.6	85.7	88.7	91.8	92.6	97.7	98.9	99.4	99.6	99.6	99.8	99.8	99.8	99.8
GE 700		23.3	66.6	85.7	88.7	91.8	92.6	97.7	98.9	99.4	99.6	99.6	99.8	99.8	99.8	99.8
GE 600		23.3	66.6	85.7	88.9	92.0	92.9	97.9	99.2	99.6	99.8	99.8	100.0	100.0	100.0	100.0
GE 500		23.3	66.6	85.7	88.9	92.0	92.9	97.9	99.2	99.6	99.8	99.8	100.0	100.0	100.0	100.0
GE 400		23.3	66.6	85.7	88.9	92.0	92.9	97.9	99.2	99.6	99.8	99.8	100.0	100.0	100.0	100.0
GE 300		23.3	66.6	85.7	88.9	92.0	92.9	97.9	99.2	99.6	99.8	99.8	100.0	100.0	100.0	100.0
GE 200		23.3	66.6	85.7	88.9	92.0	92.9	97.9	99.2	99.6	99.8	99.8	100.0	100.0	100.0	100.0
GE 100		23.3	66.6	85.7	88.9	92.0	92.9	97.9	99.2	99.6	99.8	99.8	100.0	100.0	100.0	100.0
GE 01		23.3	66.6	85.7	88.9	92.0	92.9	97.9	99.2	99.6	99.8	99.8	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 476

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 616410 STATION NAME: DAKAR SENEGAL

PERIOD OF RECORD: 75-84
MONTH: DEC HOURS(IST): 0300-0500

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 3
NO CEIL	8.2	31.8	46.3	48.4	51.6	51.6	55.0	56.3	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
GE 20000	11.3	42.9	63.7	65.3	68.4	68.4	72.9	74.2	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
GE 18000	11.3	42.9	63.7	65.3	68.4	68.4	72.9	74.2	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
GE 16000	11.3	42.9	63.7	65.3	68.4	68.4	72.9	74.2	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
GE 14000	11.6	43.4	64.3	66.1	69.2	69.2	73.7	75.0	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
GE 12000	12.9	50.8	77.5	79.2	82.9	82.9	87.4	89.9	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
GE 10000	12.9	50.8	77.5	79.2	82.9	82.9	87.4	89.9	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
GE 9000	12.9	50.8	77.5	79.2	82.9	82.9	87.4	89.9	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
GE 8000	12.9	50.8	77.5	79.2	82.9	82.9	87.4	89.9	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
GE 7000	12.9	50.8	77.5	79.2	82.9	82.9	87.4	89.9	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
GE 6000	12.9	50.8	77.5	79.2	82.9	82.9	87.4	89.9	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
GE 5000	22.9	60.8	87.5	89.2	92.9	92.9	97.4	98.9	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0
GE 4500	22.9	60.8	87.5	89.2	92.9	92.9	97.4	98.9	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0
GE 4000	22.9	60.8	87.5	89.2	92.9	92.9	97.4	98.9	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0
GE 3500	22.9	60.8	87.5	89.2	92.9	92.9	97.4	98.9	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0
GE 3000	22.9	60.8	87.5	89.2	92.9	92.9	97.4	98.9	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0
GE 2500	22.9	60.8	87.5	89.2	92.9	92.9	97.4	98.9	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0
GE 2000	22.9	60.8	87.5	89.2	92.9	92.9	97.4	98.9	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0
GE 1800	22.9	60.8	87.5	89.2	92.9	92.9	97.4	98.9	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0
GE 1500	22.9	60.8	87.5	89.2	92.9	92.9	97.4	98.9	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0
GE 1200	22.9	60.8	87.5	89.2	92.9	92.9	97.4	98.9	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0
GE 1000	22.9	60.8	87.5	89.2	92.9	92.9	97.4	98.9	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0
GE 900	22.9	60.8	87.5	89.2	92.9	92.9	97.4	98.9	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0
GE 800	22.9	60.8	87.5	89.2	92.9	92.9	97.4	98.9	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0
GE 700	22.9	60.8	87.5	89.2	92.9	92.9	97.4	98.9	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0
GE 600	22.9	60.8	87.5	89.2	92.9	92.9	97.4	98.9	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0
GE 500	22.9	60.8	87.5	89.2	92.9	92.9	97.4	98.9	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0
GE 400	22.9	60.8	87.5	89.2	92.9	92.9	97.4	98.9	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0
GE 300	22.9	60.8	87.5	89.2	92.9	92.9	97.4	98.9	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0
GE 200	22.9	60.8	87.5	89.2	92.9	92.9	97.4	98.9	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0
GE 100	22.9	60.8	87.5	89.2	92.9	92.9	97.4	98.9	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0
GE 0	22.9	60.8	87.5	89.2	92.9	92.9	97.4	98.9	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS: 330

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 616410 STATION NAME: DAKAR SENEGAL

PERIOD OF RECORD: 75-84
MONTH: DEC HOURS(EST): 0000-2000

CEILING		VISIBILITY IN STATUTE MILES															
IN	FEET	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
		10	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4	3	
NO CEIL	1	8.9	32.5	44.4	44.8	47.7	47.7	51.1	51.7	52.1	52.1	52.1	52.1	52.3	52.3	52.3	
GE 20000		12.4	45.0	60.5	61.1	64.1	64.1	68.4	69.0	69.4	69.4	69.4	69.4	69.6	69.6	69.6	
GE 18000		12.4	45.0	60.5	61.1	64.1	64.1	68.4	69.0	69.4	69.4	69.4	69.4	69.6	69.6	69.6	
GE 16000		12.4	45.0	60.5	61.1	64.1	64.1	68.4	69.0	69.4	69.4	69.4	69.4	69.6	69.6	69.6	
GE 14000		12.4	45.4	61.3	61.7	64.7	64.7	69.0	69.6	70.0	70.0	70.0	70.0	70.2	70.2	70.2	
GE 12000		15.6	56.0	77.9	78.5	82.6	82.6	87.8	88.6	89.2	89.2	89.2	89.2	89.5	89.5	89.5	
GE 10000		15.6	56.0	77.9	78.5	82.6	82.6	87.8	88.6	89.2	89.2	89.2	89.2	89.5	89.5	89.5	
GE 9000		15.6	56.0	77.9	78.5	82.6	82.6	87.8	88.6	89.2	89.2	89.2	89.2	89.5	89.5	89.5	
GE 8000		15.6	56.0	77.9	78.5	82.6	82.6	87.8	88.6	89.2	89.2	89.2	89.2	89.5	89.5	89.5	
GE 7000		15.6	56.0	77.9	78.5	82.6	82.6	87.8	88.6	89.2	89.2	89.2	89.2	89.5	89.5	89.5	
GE 6000		15.6	56.2	78.1	78.7	82.8	82.8	88.0	88.8	89.5	89.5	89.5	89.5	89.7	89.7	89.7	
GE 5000		25.8	66.3	88.2	88.8	92.9	92.9	98.2	99.0	99.6	99.6	99.6	99.6	99.8	99.8	99.8	
GE 4500		25.8	66.3	88.2	88.8	92.9	92.9	98.2	99.0	99.6	99.6	99.6	99.6	99.8	99.8	99.8	
GE 4000		25.8	66.3	88.2	88.8	92.9	92.9	98.2	99.0	99.6	99.6	99.6	99.6	99.8	99.8	99.8	
GE 3500		25.8	66.3	88.2	88.8	92.9	92.9	98.2	99.0	99.6	99.6	99.6	99.6	99.8	99.8	99.8	
GE 3000		25.8	66.3	88.2	88.8	92.9	92.9	98.2	99.0	99.6	99.6	99.6	99.6	99.8	99.8	99.8	
GE 2500		25.8	66.3	88.2	88.8	92.9	92.9	98.2	99.0	99.6	99.6	99.6	99.6	99.8	99.8	99.8	
GE 2000		25.8	66.3	88.2	88.8	92.9	92.9	98.2	99.0	99.6	99.6	99.6	99.6	99.8	99.8	99.8	
GE 1800		25.8	66.3	88.2	88.8	92.9	92.9	98.2	99.0	99.6	99.6	99.6	99.6	99.8	99.8	99.8	
GE 1500		25.8	66.3	88.2	88.8	92.9	92.9	98.2	99.0	99.6	99.6	99.6	99.6	99.8	99.8	99.8	
GE 1200		25.8	66.3	88.2	88.8	92.9	92.9	98.2	99.0	99.6	99.6	99.6	99.6	99.8	99.8	99.8	
GE 1000		25.8	66.3	88.2	88.8	92.9	92.9	98.2	99.0	99.6	99.6	99.6	99.6	99.8	99.8	99.8	
GE 900		25.8	66.3	88.2	88.8	92.9	92.9	98.2	99.0	99.6	99.6	99.6	99.6	99.8	99.8	99.8	
GE 800		25.8	66.3	88.2	88.8	92.9	92.9	98.2	99.0	99.6	99.6	99.6	99.6	99.8	99.8	99.8	
GE 700		25.8	66.3	88.2	88.8	92.9	92.9	98.2	99.0	99.6	99.6	99.6	99.6	99.8	99.8	99.8	
GE 600		25.8	66.3	88.2	88.8	92.9	92.9	98.2	99.0	99.6	99.6	99.6	99.6	99.8	99.8	99.8	
GE 500		25.8	66.3	88.2	88.8	92.9	92.9	98.2	99.0	99.6	99.6	99.6	99.6	99.8	99.8	99.8	
GE 400		25.8	66.3	88.2	88.8	92.9	92.9	98.2	99.0	99.6	99.6	99.6	99.6	99.8	99.8	99.8	
GE 300		25.8	66.3	88.2	88.8	93.1	93.1	98.4	99.2	99.8	99.8	99.8	99.8	100.0	100.0	100.0	
GE 200		25.8	66.3	88.2	88.8	93.1	93.1	98.4	99.2	99.8	99.8	99.8	99.8	100.0	100.0	100.0	
GE 100		25.8	66.3	88.2	88.8	93.1	93.1	98.4	99.2	99.8	99.8	99.8	99.8	100.0	100.0	100.0	
GE 0		25.8	66.3	88.2	88.8	93.1	93.1	98.4	99.2	99.8	99.8	99.8	99.8	100.0	100.0	100.0	

TOTAL NUMBER OF OBSERVATIONS: 423

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 616410 STATION NAME: DAKAR SENEGAL

PERIOD OF RECORD: 75-84
MONTH: NOV HOURS(IST): ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 1	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4
NO CEIL	.0	20.1	30.2	41.3	41.6	42.1	42.1	42.3	42.4	42.4	42.4	42.4	42.4	42.5	42.5	42.6
GE 20000	.1	30.6	53.8	62.1	62.4	63.6	63.6	64.1	64.2	64.2	64.2	64.2	64.2	64.3	64.3	64.3
GE 18000	.1	30.6	53.9	62.1	62.4	63.6	63.6	64.1	64.2	64.2	64.2	64.2	64.2	64.3	64.3	64.3
GE 16000	.1	30.6	53.9	62.1	62.4	63.6	63.6	64.1	64.2	64.2	64.2	64.2	64.2	64.3	64.3	64.3
GE 14000	.1	30.7	54.2	62.5	62.8	64.1	64.1	64.6	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.9
GE 12000	.1	33.0	59.5	68.5	69.1	70.5	70.6	71.5	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.8
GE 10000	.1	33.1	59.5	68.7	69.2	70.6	70.7	71.6	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.9
GE 9000	.1	33.1	59.5	68.7	69.2	70.6	70.7	71.6	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.9
GE 8000	.1	33.1	59.5	68.7	69.2	70.6	70.7	71.6	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.9
GE 7000	.1	33.1	59.5	68.7	69.2	70.6	70.7	71.6	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.9
GE 6000	.1	33.1	59.5	68.7	69.2	70.6	70.7	71.6	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.9
GE 5000	.1	60.2	86.7	95.9	96.3	97.8	97.8	98.8	98.8	98.8	98.8	98.8	98.9	98.9	98.9	99.3
GE 4500	.1	60.3	86.7	95.9	96.4	97.8	97.9	98.8	98.8	98.8	98.8	98.8	98.9	98.9	98.9	99.3
GE 4000	.1	60.3	86.7	95.9	96.4	97.8	97.9	98.8	98.8	98.8	98.8	98.8	98.9	98.9	98.9	99.3
GE 3500	.1	60.3	86.7	95.9	96.4	97.8	97.9	98.8	98.8	98.8	98.8	98.8	98.9	98.9	98.9	99.3
GE 3000	.1	60.3	86.7	95.9	96.4	97.8	97.9	98.8	98.8	98.8	98.8	98.8	98.9	98.9	98.9	99.3
GE 2500	.1	60.3	86.7	95.9	96.4	97.8	97.9	98.8	98.8	98.8	98.8	98.8	98.9	98.9	98.9	99.3
GE 2000	.1	60.3	86.7	95.9	96.4	97.8	97.9	98.8	98.8	98.8	98.8	98.8	98.9	98.9	98.9	99.3
GE 1800	.1	60.3	86.7	95.9	96.4	97.8	97.9	98.8	98.8	98.8	98.8	98.8	98.9	98.9	98.9	99.3
GE 1500	.1	60.7	87.2	96.3	96.8	98.3	98.3	99.2	99.3	99.3	99.3	99.3	99.4	99.4	99.4	99.5
GE 1200	.1	60.9	87.5	96.7	97.1	98.6	98.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.8
GE 1000	.1	61.0	87.6	96.3	97.3	98.7	98.8	99.7	99.8	99.8	99.8	99.8	99.8	99.9	99.9	100.0
GE 900	.1	61.0	87.6	96.3	97.3	98.7	98.8	99.7	99.8	99.8	99.8	99.8	99.8	99.9	99.9	100.0
GE 800	.1	61.0	87.6	96.3	97.3	98.7	98.8	99.7	99.8	99.8	99.8	99.8	99.8	99.9	99.9	100.0
GE 700	.1	61.0	87.6	96.3	97.3	98.7	98.8	99.7	99.8	99.8	99.8	99.8	99.8	99.9	99.9	100.0
GE 600	.1	61.0	87.6	96.3	97.3	98.7	98.8	99.7	99.8	99.8	99.8	99.8	99.8	99.9	99.9	100.0
GE 500	.1	61.0	87.6	96.3	97.3	98.8	98.8	99.7	99.8	99.8	99.8	99.8	99.8	99.9	99.9	100.0
GE 400	.1	61.0	87.6	96.3	97.3	98.8	98.8	99.7	99.8	99.8	99.8	99.8	99.8	99.9	99.9	100.0
GE 300	.1	61.0	87.6	96.3	97.3	98.8	98.8	99.7	99.8	99.8	99.8	99.8	99.8	99.9	99.9	100.0
GE 200	.1	61.0	87.6	96.3	97.3	98.8	98.8	99.7	99.8	99.8	99.8	99.8	99.8	99.9	99.9	100.0
GE 100	.1	61.0	87.6	96.3	97.3	98.8	98.8	99.7	99.8	99.8	99.8	99.8	99.8	99.9	99.9	100.0
GE 0	.1	61.0	87.6	96.3	97.3	98.8	98.8	99.7	99.8	99.8	99.8	99.8	99.8	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS: 3336

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 616410 STATION NAME: DAKAR SENEGAL

PERIOD OF RECORD: 75-84
MONTH: NOV HOURS(LST): 2100-2300

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	1	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4
NO CEIL	1	17.2	34.2	39.5	39.9	40.2	40.2	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.7
GE 20000		23.5	47.5	55.5	55.7	57.1	57.1	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.9
GE 18000		23.5	47.8	55.7	56.2	57.4	57.4	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	58.2
GE 16000		23.5	47.8	55.7	56.0	57.4	57.4	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	58.2
GE 14000		23.5	47.8	55.7	56.0	57.4	57.4	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	58.2
GE 12000		24.9	52.5	61.2	61.7	63.1	63.4	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.8
GE 10000		24.9	52.7	61.7	62.3	63.7	63.9	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.3
GE 9000		24.9	52.7	61.7	62.3	63.7	63.9	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.3
GE 8000		24.9	52.7	61.7	62.3	63.7	63.9	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.3
GE 7000		24.9	52.7	61.7	62.3	63.7	63.9	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.3
GE 6000		24.9	52.7	61.7	62.3	63.7	63.9	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.3
GE 5000		59.6	87.4	96.4	97.0	98.4	98.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0
GE 4500		59.6	87.4	96.4	97.0	98.4	98.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0
GE 4000		59.6	87.4	96.4	97.0	98.4	98.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0
GE 3500		59.6	87.4	96.4	97.0	98.4	98.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0
GE 3000		59.6	87.4	96.4	97.0	98.4	98.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0
GE 2500		59.6	87.4	96.4	97.0	98.4	98.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0
GE 2000		59.6	87.4	96.4	97.0	98.4	98.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0
GE 1800		59.6	87.4	96.4	97.0	98.4	98.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0
GE 1500		59.6	87.4	96.4	97.0	98.4	98.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0
GE 1200		59.6	87.4	96.4	97.0	98.4	98.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0
GE 1000		59.6	87.4	96.4	97.0	98.4	98.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0
GE 900		59.6	87.4	96.4	97.0	98.4	98.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0
GE 800		59.6	87.4	96.4	97.0	98.4	98.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0
GE 700		59.6	87.4	96.4	97.0	98.4	98.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0
GE 600		59.6	87.4	96.4	97.0	98.4	98.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0
GE 500		59.6	87.4	96.4	97.0	98.4	98.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0
GE 400		59.6	87.4	96.4	97.0	98.4	98.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0
GE 300		59.6	87.4	96.4	97.0	98.4	98.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0
GE 200		59.6	87.4	96.4	97.0	98.4	98.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0
GE 100		59.6	87.4	96.4	97.0	98.4	98.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0
GE 0		59.6	87.4	96.4	97.0	98.4	98.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS: 356

SKY COVER

76-85

FFB

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										
		0	1	2	3	4	5	6	7	8	9	10
E	0-02	55.9	.7		5.4	6.5	3.2	11.5		7.5	9.3	2.7
	3-05	57.1	2.2		6.0	9.2	4.3	4.9		9.8	6.5	2.5
	6-08	53.6	3.6		6.9	6.1	5.1	10.8		7.2	6.1	.4
	9-11	40.4	3.8		5.8	5.3	5.3	8.7		15.9	14.4	.5
	12-14	40.9	4.3		6.1	7.5	6.5	6.5		15.8	12.2	.4
	15-17	40.0	3.2		6.4	8.6	4.5	5.0		19.1	13.2	3.8
	18-20	39.1	2.6		7.3	6.6	6.2	8.4		17.2	12.8	3.6
	21-23	36.2	3.9		4.6	15.7	5.9	9.8		10.5	9.8	.7
TOTALS		45.1	3.0		6.1	8.2	5.1	8.2		12.9	10.5	.3

SKY COVER

76-85

MAR

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
00-02	56.6	2.6			4.3	6.9	7.2	5.9		6.6	8.9	1.3	2.6	3
03-05	57.7	1.9			6.1	8.0	3.8	7.0		6.1	8.5	.9	2.5	2
06-08	49.5	2.7			7.0	7.0	4.7	9.0		12.6	7.3	.3	3.0	3
09-11	36.5	4.3			5.7	7.8	5.2	11.3		15.7	13.0	.4	3.9	2
12-14	35.4	5.6			5.6	8.3	7.0	12.3		13.6	8.6	.7	3.6	3
15-17	46.3	2.6			3.9	11.2	5.6	9.4		13.7	6.4	.4	3.2	2
18-20	43.3	2.7			4.7	7.0	8.0	9.3		13.0	11.0	1.0	3.5	3
21-23	47.6	2.7			7.0	11.4	4.3	9.2		6.5	10.8	.5	3.0	1
TOTALS	41.1	3.1			5.5	8.5	5.7	9.2		11.0	9.3	.7	3.2	23

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SKY COVER

MAY

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF TOTAL SKY COVER	TOTAL NUMBER OF OBSERVATIONS	
		0	1	2	3	4	5	6	7	8	9			10
JUN	00-02	57.7	3.0		7.2	6.2	6.2	4.9		5.9	8.2	.7	2.4	3
	03-05	48.4	.4		4.5	12.1	8.5	9.4		7.6	8.5	.4	3.0	2
	06-08	39.3	2.0		6.2	10.2	7.9	11.5		9.5	10.5	1.0	3.6	3
	09-11	35.4	3.3		9.9	10.3	5.8	9.9		11.9	13.2	.4	3.8	2
	12-14	44.2	6.0		6.0	6.6	4.3	11.3		12.3	9.3		3.2	3
	15-17	44.7	4.7		4.3	8.7	4.7	9.5		13.4	9.1	.8	3.3	2
	18-20	43.9	6.3		6.3	7.0	7.6	7.6		11.6	9.3	.3	3.2	3
	21-23	45.3	3.1		6.7	12.0	7.1	9.3		6.7	9.3	.4	3.0	2
TOTALS		44.2	3.6		6.6	9.1	6.5	9.2		9.9	9.7	.5	3.2	2

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JUN



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SKY COVER

JUL

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NUMBER OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
JUL	00-02	10.1	5.4		9.7	9.7	12.4	15.1		18.8	16.8	2.0	5.5	298
	03-05	5.1	4.2		4.7	14.9	17.2	19.5		15.3	17.2	1.9	5.8	215
	06-08	4.3	1.7		6.0	11.6	15.2	21.2		19.2	19.9	1.0	6.1	302
	-11	2.4	2.8		3.3	8.5	8.1	20.3		28.9	23.6	2.0	6.7	246
	12-14	3.6	2.3		3.3	8.9	13.9	19.2		28.1	18.5	2.0	6.4	302
	15-17	5.2	2.4		4.8	7.2	11.6	19.3		27.3	20.9	1.2	6.4	249
	18-20	2.0	2.0		4.0	8.6	11.3	19.6		27.9	23.3	1.3	6.7	301
	21-23	3.9	1.7		10.0	10.9	12.2	22.7		21.4	14.8	2.2	6.0	229
TOTALS		4.6	2.8		5.7	10.0	12.7	19.6		23.4	19.4	1.7	6.2	2142

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PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

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STATION

STATION NAME

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FORM
JUL 64

FORM 0-9-5 (OL A)
JUL 64

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

4

GLOBAL CLIMATOLOGY BRANCH
AFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

STATION: DIKAR SENEGAL PERIOD: 75-84 MONTH: OCT

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NUMBER OF OBS.
		1	2	3	4	5	6	7	8	9	10		
00-0	32.1	4.7		8.1	13.9	10.8	15.9		8.8	4.7	1.0	3.6	296
0-04	37.4	6.3		7.9	12.6	11.6	9.5		10.0	4.7		3.2	190
0-04	21.2	5.6		12.6	13.9	12.3	11.6		10.3	7.0	.7	3.8	302
-11	17.0	4.6		8.3	15.1	7.3	15.6		19.3	13.3	.9	5.0	218
1-14	16.2	5.1		7.1	8.8	9.1	21.2		18.2	14.1	.3	5.1	297
1-17	15.2	3.0		7.3	8.6	7.8	17.2		26.7	12.9	.4	5.4	232
1-2	15.4	3.4		5.7	11.1	9.1	11.4		23.5	18.8	1.7	5.5	298
1-23	21.7	3.1		15.4	18.5	8.6	16.0		9.9	5.6	1.9	4.1	162
TOTALS	22.1	4.5		9.1	12.8	9.6	14.8		15.8	10.1	.9	4.5	1995

2

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NOV
1951

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GENERAL CLIMATOLOGY BRANCH
ASMETAC
AIR WEATHER SERVICE/MAC

SKY COVER

1-410
STATION

DAKAR SENEGAL

75-84

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
DIC	0-02	24.9	2.6		5.9	9.2	8.6	10.5		12.8	18.1	2.3	4.5	304
	3-05	32.9	2.9		6.5	7.6	10.6	12.4		8.2	17.1	1.8	4.2	170
	06-08	36.0	3.0		5.0	13.0	6.0	12.7		10.7	11.0	2.7	3.9	300
	9-11	16.5	2.1		7.3	8.6	6.0	9.4		22.7	26.6	1.7	5.8	233
	12-14	16.5	2.7		7.7	9.1	6.1	12.5		17.5	24.9	3.0	5.6	297
	15-17	18.	3.7		7.4	8.2	4.1	11.1		19.7	25.4	2.5	5.6	244
	18-20	13.	1.6		5.9	5.2	5.9	11.8		20.0	33.8	2.0	6.2	305
	21-23	17.2	3.3		5.5	11.0	11.0	18.7		15.9	13.7	1.6	5.0	182
TOTALS		22.7	2.7		6.4	9.0	7.3	12.4		15.9	21.3	2.2	5.1	2035

2
 JETAL CLIMATOLOGY BRANCH
 JETAC
 AIR WEATHER SERVICE/MAC

SKY COVER

11-10-85 DAKAR SENEGAL 75-85 PERIOD

ALL

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN PERCENTAGE TOTAL SKY COVER	TOTAL OBSERVATIONS	
		0	1	2	3	4	5	6	7	8	9			10
ALL	ALL	33.7	3.7		6.8	9.8	6.2	8.9		12.8	15.5	2.6	4.1	2033
SEP		45.4	3.0		6.1	8.2	5.1	8.2		12.9	10.5	.3	3.3	1674
OCT		47.1	3.1		5.5	8.5	5.7	9.2		11.0	9.3	.7	3.2	2060
NOV		51.5	3.4		6.9	8.2	6.1	7.7		8.6	6.0	.3	2.6	2013
DEC		44.9	3.6		6.6	9.1	6.5	9.2		9.9	9.7	.5	3.2	2156
JAN		17.3	4.7		7.4	10.3	11.1	15.6		19.4	13.2	1.0	5.0	2017
FEB		4.0	2.8		5.7	10.0	12.7	19.6		23.4	19.4	1.7	6.2	2142
MAR		2.2	2.6		5.6	11.5	13.1	18.6		23.0	20.3	3.2	6.4	2112
APR		5.3	3.9		7.3	12.4	12.4	16.8		19.2	19.9	2.8	6.0	2019
MAY		22.0	4.5		9.1	12.8	9.6	14.8		15.8	10.1	.9	4.5	1995
JUN		30.1	3.7		9.5	10.4	7.9	11.8		13.1	12.4	1.1	4.1	1972
JUL		22.7	2.7		6.4	9.0	7.3	12.4		15.9	21.3	2.2	5.1	2035
TOTALS		27.4	3.5		6.9	10.0	8.6	12.7		15.4	14.0	1.4	4.5	24436

✓

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PSYCHROMETRIC SUMMARIES

PART 4

In this section are presented various summaries of dry and wet-bulb temperatures, dewpoints, and relative humidity. The order and manner of representations follows:

1. Cumulative percentage frequency of occurrence--Derived from available hourly observations and presented by month and annual for all years combined. These tabulations provide the cumulative percentage frequency to tenths, of temperature by 5-degree Fahrenheit increments, plus mean temperature, standard deviations, and total number of observations in three separate tables as follows:

- a. Daily HIGH temperatures (for available observations)
- b. Daily LOW temperatures (for available observations)
- c. Daily mean temperatures (high + low temperatures divided by two)

2. Bivariate percentage frequency distribution and computations of dry-bulb versus wet-bulb temperature.

This summary was computed monthly for the 1950's and for the 1960's. It is in the form of a table.

✓

3. Means and standard deviations--These tabulations are derived from available hourly observations and present the mean, standard deviation, and total number of observations for the 3-hour groups, by month and annual and again at the bottom for all hours combine. Summaries for all years combined are presented in the following three tables: DRY-BULB TEMPERATURE, WET-BULB TEMPERATURE, AND DEWPOINT TEMPERATURE.

4. Cumulative percentage frequency of occurrence of relative humidity--This summary is derived from hourly observations and presents the cumulative percentage frequency of occurrence of relative humidity by increments of 10 percent classes, plus the mean relative humidity and total number of observations presented by month and available 3-hour groups.

RELATIVE HUMIDITY

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

[illegible]

STATE SERVICE

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

USAFETAC FORM 0-87-5 (OL A)
H.H. 44

THE UNIVERSITY OF CHICAGO

7-1-4

MONTH

[illegible]

RELATIVE HUMIDITY

75-14

43

STATION

STATION NAME

PERIOD

MONTH

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
1-5	111.0	100.0	100.0	100.0	100.0	100.0	100.0	99.8	72.0	11.9	63.5	47
1-6	110.0	100.0	100.0	100.0	100.0	100.0	100.0	97.7	73.4	12.4	64.1	42
1-8	117.0	100.0	100.0	100.0	100.0	100.0	100.0	99.5	75.3	13.4	65.1	43
1-11	113.0	100.0	100.0	100.0	100.0	100.0	100.0	99.5	72.0	12.7	64.1	41
1-14	110.0	100.0	100.0	100.0	100.0	100.0	97.7	66.7	10.1	6.9	71.1	41
1-17	100.0	100.0	100.0	100.0	100.0	100.0	97.4	44.3	7.7	1.4	71.1	41
1-20	100.0	100.0	100.0	100.0	100.0	100.0	99.6	66.4	21.7	1.1	75.7	47
1-23	100.0	100.0	100.0	100.0	100.0	100.0	97.1	57.0	6.7	21.7	41	
TOTALS		100	100.0	100.0	100.0	100.0	99.5	63.0	44.5	7.0	72.1	754

USAFETACFORM
11/1/64

0-87-5 (OL A)

ALL INFORMATION CONTAINED
HEREIN IS UNCLASSIFIED

**CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)**

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JUL	7-21	100.0	100.0	100.0	100.0	100.0	99.6	94.3	85.7	8.7	81.5	492
	7-24	100.0	100.0	100.0	100.0	100.0	100.0	74.1	62.3	2.0	61.3	474
	7-26	100.0	100.0	100.0	100.0	100.0	79.8	97.0	66.5	7.1	72.3	473
	7-31	100.0	100.0	100.0	100.0	100.0	99.3	80.1	16.8	1.5	75.0	442
	8-14	100.0	100.0	100.0	100.0	100.0	95.7	41.3	4.1	2.3	70.0	475
	8-17	100.0	100.0	100.0	100.0	100.0	74.5	32.7	3.0	.5	69.1	449
	8-20	100.0	100.0	100.0	100.0	100.0	99.6	76.4	6.6	1.4	74.1	477
	8-23	100.0	100.0	100.	100.0	100.0	76.7	91.1	43.4	2.5	73.4	443
TOTALS		100.0	100.0	100.0	100.0	100.0	98.4	75.9	32.5	4.0	76.1	2714

RELATIVE HUMIDITY

15A. SPECIAL

75-44

214

STATION

STATION NAME

PERIOD

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
1-1-32		100.0	100.0	100.0	100.0	100.0	99.3	95.0	78.7	5.3	43.3	418
1-1-35		100.0	100.0	100.0	100.0	100.0	99.4	94.6	78.0	11.7	44.7	351
1-1-36		100.0	100.0	100.0	100.0	100.0	100.0	97.6	41.2	13.1	15.2	476
1-1-11		100.0	100.0	100.0	100.0	99.7	98.2	85.1	27.1	1.9	76.5	377
1-1-14		100.0	100.0	100.0	100.0	99.6	96.5	49.7	0.0	0.0	70.7	44
1-1-17		100.0	100.0	100.0	99.7	98.9	95.5	48.7	1.6		69.5	37
1-1-20		100.0	100.0	100.0	100.0	99.8	98.3	52.3	12.1	0.0	75.3	400
1-1-23		100.0	100.0	100.0	100.0	100.0	99.2	91.3	61.6	2.3	41.6	354
TOTALS		100.0	100.0	100.0	100.0	99.8	98.1	80.4	42.7	4.4	71.4	1,449

STATION	STATION NAME	PERIOD	MONTH

[illegible]

10. CLIMATE SECTION
11. DATE
12. STATION SERVICE AREA

RELATIVE HUMIDITY

PERIOD

76-77

1976

STATION

STATION NAME

PERIOD

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
1-7	1-7	100.0	100.0	100.0	100.0	100.0	99.9	97.0	85.0	47.0	75.0	47
1-8	1-8	100.0	100.0	100.0	100.0	100.0	99.7	98.7	92.7	51.4	74.0	347
1-9	1-9	100.0	100.0	100.0	100.0	100.0	99.6	98.9	93.9	51.6	73.0	431
1-11	1-11	100.0	100.0	100.0	99.0	99.0	95.4	88.0	74.0	50.0	70.0	410
1-14	1-14	100.0	100.0	99.0	97.0	93.9	84.0	57.0	30.0	10.0	69.4	440
1-17	1-17	100.0	100.0	99.1	97.4	93.5	85.0	56.0	30.4	10.0	69.4	410
1-20	1-20	100.0	100.0	100.0	99.0	98.9	94.7	85.7	47.1	7.0	70.0	400
1-23	1-23	100.0	100.0	100.0	100.0	99.0	94.3	94.4	53.4	37.9	66.4	410
TOTALS		100.0	100.0	99.0	99.0	98.1	91.0	84.0	50.4	21.0	71.0	740

USAFETAC

FORM
JUL 64

0-87-5 (OL A)

1. *Adaptation to the environment*—the ability to respond to changes in the environment. This is the most important characteristic of living organisms. It is the ability to respond to changes in the environment that allows organisms to survive and reproduce. Adaptation to the environment is a process that occurs over time and is influenced by many factors, including genetics, environment, and behavior.

74 - - 5

MONTH

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
"	1-5-5	100.0	100.0	100.0	100.0	99.8	98.6	93.7	77.0	57.1	35.0	37
"	1-6-5	100.0	100.0	100.0	100.0	100.0	99.8	98.1	83.2	58.6	38.0	47
"	1-7-5	100.0	100.0	100.0	100.0	99.5	95.4	86.0	63.3	38.2	27.0	47
"	1-8-5	100.0	99.5	99.5	95.5	96.9	92.0	81.0	45.4	18.1	77.5	51
"	1-9-5	100.0	95.5	98.1	92.9	95.9	78.1	46.7	7.1	.	85.4	40
"	1-10-5	100.0	100.0	98.4	91.9	83.5	71.7	43.0	7.0	.	84.4	42
"	1-11-5	100.0	100.0	99.6	95.5	94.5	81.0	73.0	36.1	9.0	74.5	42
"	1-12-5	100.0	100.0	100.0	100.0	99.3	95.5	87.6	71.7	28.6	37.0	47
"												
"												
"												
"												
TOTALS		77.0	100.0	99.0	97.7	95.0	86.1	77.0	52.0	18.1	74.5	357

ALL INFORMATION CONTAINED
HEREIN IS UNCLASSIFIED
DATE 01-11-2010 BY 60322 SP6VJS/ANAC

76-55

MONTH

[illegible]

0-87-5 (OL A)

SECRET
100-441100

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
1-5	1-5	100.0	100.0	100.0	99.4	99.1	98.6	89.7	61.0	10.0	11.0	4
"	-6	100.0	100.0	99.7	99.5	98.9	94.8	80.7	57.0	24.1	11.0	3
"	-8	100.	100.0	99.3	96.4	91.9	83.3	69.	40.2	20.1	27.3	4
"	-11	100.0	98.0	90.7	83.2	72.1	56.5	40.7	25.4	8.5	33.0	3
"	1-14	100.0	94.6	92.7	79.0	56.7	31.6	20.7	3.0	.0	54.0	4
"	-17	100.0	96.6	96.9	89.9	64.0	34.4	16.4	2.7		56.0	4
"	-2	100.0	100.0	99.0	99.0	95.2	77.6	49.7	16.7	1.1	69.4	4
"	1-21	100.0	100.0	99.7	99.7	99.7	96.6	82.0	47.6	10.7	74.3	3
TOTALS		100.0	96.7	97.0	93.4	84.6	72.5	56.5	33.0	10.7	70.4	74

U.S. AIR FORCE CLIMATOLOGY BRANCH
ETAC
EIGHTH SERVICE MAC

MEANS AND STANDARD DEVIATION

DEW-POINT TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

STATION		STATION NAME												YEARS	
HRS (LST)		JAN	FEB	MAR	APR	MAY	JUN.	JUL	AUG	SEP	OCT	NOV	DEC	ANNU	
0-2	MEAN	61.4	62.8	64.0	66.4	71.5	73.0	74.8	76.0	75.1	72.0	64.4	6		
	S D	3.950	2.855	3.078	2.556	2.695	2.621	2.288	2.320	2.002	2.032	3.725	4.961	0.	
	TOTAL OBS	473	464	483	471	570	438	492	478	464	485	460	485	5	
1-2	MEAN	60.8	62.3	64.0	65.8	71.0	72.3	74.0	75.1	74.1	69.1	62.0	6		
	S D	4.334	2.426	2.771	2.238	2.773	2.451	2.510	2.170	2.144	2.647	4.684	6.443	6.	
	TOTAL OBS	36	389	424	397	436	351	424	426	374	399	302	376	4	
3-4	MEAN	57.1	59.0	61.7	64.0	65.5	70.7	72.3	74.0	74.8	73.7	67.2	59.0	7.	
	S D	6.617	3.678	2.966	2.321	2.694	2.490	2.193	2.043	1.966	3.307	6.029	7.937	7.	
	TOTAL OBS	46	457	475	461	491	436	496	488	461	496	457	475	5	
5-6	MEAN	53.0	58.0	61.7	64.2	65.7	71.1	72.6	74.2	75.2	73.6	65.2	56.1	6.	
	S D	1.164	7.193	4.052	2.655	2.900	2.319	2.221	2.152	2.122	3.477	6.513	9.516	8.	
	TOTAL OBS	30	398	415	410	431	377	442	406	417	415	403	410	4	
7-8	MEAN	53.0	56.5	60.7	63.7	65.4	70.9	72.7	74.4	75.5	73.1	64.4	55.6	5	
	S D	7.511	7.549	4.987	3.291	2.803	2.713	2.204	2.237	2.487	4.273	7.237	7.795	8.	
	TOTAL OBS	40	454	462	446	493	448	436	473	459	488	465	466	5	
9-10	MEAN	51.0	57.8	61.0	63.8	65.6	71.1	72.6	74.2	75.4	73.2	66.4	58.6	6	
	S D	5.457	5.617	4.918	3.370	3.014	2.627	2.017	2.126	2.338	3.871	5.031	5.520	7.	
	TOTAL OBS	414	419	431	429	450	378	440	424	427	437	399	434	5	
11-12	MEAN	50.0	59.8	61.8	64.3	65.8	71.0	72.6	74.3	75.3	73.4	66.5	62.1	5	
	S D	4.012	4.017	3.756	2.825	2.791	2.447	2.022	2.107	1.922	2.884	3.012	4.453	6.	
	TOTAL OBS	47	459	477	450	492	423	487	479	463	489	452	490	5	
1-23	MEAN	50.0	60.0	62.3	64.2	66.2	71.1	72.4	74.2	75.4	74.4	69.9	63.9	6	
	S D	3.576	2.47	3.361	2.579	2.545	2.560	2.235	2.120	2.071	2.621	3.282	3.756	6.	
	TOTAL OBS	302	379	403	410	443	394	440	415	393	374	364	370	4	
ALL HOURS	MEAN	57.5	59.3	61.0	64.1	65.3	71.0	72.6	74.3	75.3	73.9	67.6	60.3	6	
	S D	6.43	5.221	3.675	2.783	2.795	2.542	2.222	2.175	2.154	3.390	6.046	7.259	7.	
	TOTAL OBS	344	3419	3571	3467	3736	3245	3715	3589	3450	3606	3362	3529	42	

USAF CLIMATELOGY BRANCH
ETAC
ATTN: WEATHER SERVICE/CLIMATE

MEANS AND STANDARD DEVIATION

WINTER MONTHS TEMPERATURES DEGREES F FROM HOURLY OBSERVATIONS

STATION		STATION NAME												YEARS	
1-11	4444	SPECIAL	75-85												
HRS (LST)	MEAN S D TOTAL OBS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNU	
1-2	63.2 2.672 463	63.2 2.253 464	64.5 2.498 483	66.2 2.199 478	67.8 2.557 500	73.2 2.216 436	75.0 1.747 492	76.4 1.817 478	77.2 1.701 464	76.5 2.095 495	72.4 2.908 465	66.7 2.519 465	7	5.	5
1-3	61.0 2.711 36	62.5 2.323 359	63.7 2.365 424	65.1 1.978 377	67.1 2.541 436	72.6 2.101 351	74.2 1.953 424	75.6 1.736 426	76.5 1.815 374	75.6 2.266 399	71.2 3.224 382	65.0 4.110 376	4	5.	4
1-4	61.0 3.67 46	61.0 2.669 457	63.2 2.391 475	65.2 1.994 461	66.8 2.547 491	72.3 2.293 436	74.1 1.792 496	75.5 1.714 488	76.1 1.743 461	75.3 2.533 496	70.0 4.154 457	63.5 4.744 475	5.	6.	5
1-11	62.5 4.31 35	62.5 3.303 348	64.6 2.676 415	66.6 1.977 418	68.2 2.516 431	73.6 2.101 377	75.2 1.745 442	76.4 1.615 406	77.2 1.791 417	76.2 2.634 413	70.3 4.622 403	62.9 5.141 415	6	6.	4
1-11	62.5 3.597 46	63.2 3.411 454	65.7 2.751 462	67.6 2.391 446	69.0 2.401 493	74.3 2.195 448	75.9 1.762 466	77.3 1.719 473	78.1 1.999 459	76.8 2.546 488	70.9 3.976 465	64.2 4.099 466	7	6.	5
1-11	64.7 2.943 414	64.7 2.946 419	66.0 2.642 431	67.7 2.367 429	69.2 2.577 453	74.6 2.015 378	76.0 1.587 442	77.1 1.664 424	78.2 1.818 427	76.9 2.628 437	72.0 3.029 399	65.7 3.315 439	7	5.	5
1-2	64.1 2.698 47	64.1 2.484 459	65.2 2.610 477	66.8 2.208 456	68.3 2.479 492	73.7 2.070 423	75.4 1.650 487	76.7 1.649 479	77.5 1.557 463	76.3 2.167 499	72.0 2.835 452	66.4 3.176 492	7	5.	5
1-23	63.3 2.123 362	63.3 2.159 379	64.3 2.627 403	65.7 2.086 410	67.8 2.439 443	73.1 2.180 394	74.6 1.726 441	76.1 1.654 415	76.9 1.689 393	76.1 2.065 394	72.1 2.689 364	66.5 2.927 378	7	5.	4
ALL HOURS	63.2 2.401 344	63.2 2.893 3419	64.6 2.742 3570	65.3 2.290 3467	68.0 2.624 3736	73.4 2.272 3245	75.1 1.871 3715	76.4 1.907 3589	77.2 1.886 3458	76.2 2.479 3676	71.3 3.638 3382	65.1 4.168 3529	7	6.	42

AL TIM TOLOS RANCH
 MAC
 AIRCRAFT SERVICE/MAC

MEANS AND STANDARD DEVIATION

RY-POLY TEMPERATURES DERIVED FROM HOURLY OBSERVATIONS

STATION		STATION NAME												YEARS	
HRS TEST		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	
1-22	MEAN	6.7	66.1	67.2	68.2	70.4	76.8	79.4	80.2	80.4	79.7	76.1	70.7	6.1	6.1
	S D	2.740	2.594	2.563	2.436	2.909	2.461	1.733	1.713	1.811	2.101	2.112	3.040		
	TOTAL OBS	472	464	484	472	501	439	492	479	465	485	461	457		
1-21	MEAN	5.5	65.9	65.9	67.1	69.6	75.9	76.4	79.2	79.5	78.7	75.2	69.7	6.1	6.1
	S D	2.644	2.233	2.545	2.226	2.911	2.432	1.814	1.806	2.339	2.579	2.757	3.421		
	TOTAL OBS	373	389	427	400	440	353	428	431	374	401	386	391		
1-20	MEAN	6.4	64.3	65.5	66.9	69.2	75.4	78.1	78.8	79.0	75.6	74.8	69.1	6.1	6.1
	S D	2.660	2.350	2.451	2.193	2.905	2.702	1.870	1.873	2.189	2.549	3.014	3.534		
	TOTAL OBS	470	457	476	462	491	438	490	488	461	497	457	475		
1-19	MEAN	6.4	65.7	69.2	71.0	73.0	79.0	81.0	81.6	82.1	82.5	75.2	72.1	6.1	6.1
	S D	3.350	4.273	3.470	2.746	2.900	2.754	2.355	1.476	2.691	2.797	3.271	3.896		
	TOTAL OBS	401	379	417	423	434	378	447	410	414	423	415	423		
1-18	MEAN	7.3	74.7	73.7	74.5	75.9	81.6	83.4	84.1	84.7	85.4	82.4	76.4	5.1	5.1
	S D	5.190	5.784	4.131	3.178	2.944	2.544	2.297	2.420	2.809	2.736	3.070	4.589		
	TOTAL OBS	40	434	464	445	493	448	486	475	461	489	466	470		
1-17	MEAN	7.3	7.0	74.2	74.9	75.3	81.9	83.8	84.4	85.3	85.5	82.7	76.9	5.1	5.1
	S D	4.656	4.796	4.188	3.501	3.124	2.344	2.102	2.420	2.564	2.550	3.815	4.400		
	TOTAL OBS	41	419	432	43	452	379	445	426	429	440	402	441		
1-16	MEAN	70.3	70.7	70.7	71.4	72.9	79.5	81.5	82.2	82.7	82.1	71.9	73.3	5.1	5.1
	S D	3.517	3.573	3.998	3.161	2.986	2.364	1.486	1.924	2.023	2.170	3.200	3.600		
	TOTAL OBS	47	46	478	459	493	425	491	479	463	489	454	451		
1-23	MEAN	67.0	67.3	67.6	68.4	70.8	77.2	79.7	80.4	80.8	80.1	75.5	71.0	6.1	6.1
	S D	2.721	2.763	3.215	2.513	3.020	2.590	1.798	1.673	1.856	1.988	2.744	3.300		
	TOTAL OBS	374	371	406	411	445	397	451	416	399	396	267	383		
ALL HOURS	MEAN	6.7	69.0	69.2	70.3	72.2	78.4	80.7	81.3	81.6	81.6	78.2	72.4	6.1	6.1
	S D	4.734	5.351	4.639	4.065	3.859	3.430	2.816	2.800	3.163	3.577	4.336	4.736		
	TOTAL OBS	344	3422	3594	355	3750	3257	3735	3604	3471	3620	3498	3551		

STATION

STATION NAME

PERIOD

MONTH

MONTH

HOURS
(LST)

PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN

108

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RELATIVE HUMIDITY

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RELATIVE HUMIDITY

STATION

STATION NAME

PERIOD

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOT NO OF
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
		100.0	99.9	97.1	93.4	84.0	72.9	58.9	43.1	26.7	14.4	7
		100.0	99.4	97.7	94.0	85.1	71.0	55.0	42.7	28.7	14.4	7
		100.0	100.0	99.9	97.7	95.0	85.5	77.5	62.5	45.1	25.1	7
		100.0	100.0	99.9	99.3	95.1	85.0	64.5	49.4	30.1	15.1	7
		100.0	100.0	100.0	100.0	99.7	97.7	85.7	63.4	44.5	25.5	7
		100.0	100.0	100.0	100.0	99.9	98.1	85.4	60.7	45.4	25.4	7
		100.0	100.0	100.0	100.0	100.0	98.4	75.0	42.0	20.0	10.0	7
		100.0	100.0	100.0	100.0	100.0	99.3	83.0	64.5	47.0	29.0	7
		100.0	100.0	100.0	100.0	99.8	99.1	87.5	64.0	45.7	25.7	7
		100.0	100.0	100.0	99.4	98.4	93.5	75.0	44.0	21.0	10.0	7
		100.0	99.7	95.0	95.7	89.5	77.9	58.5	32.7	15.7	7.0	7
		100.0	99.0	97.0	92.7	83.7	60.0	50.0	30.1	15.1	5.0	7
TOTALS		100.0	99.9	99.9	97.7	94.4	85.1	73.0	45.0	21.4	10.1	40

USAFETAC

FORM
JUL 64

0-87-5 (OL A)

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PART 5

PRESSURE SUMMARY

Presented in this part are two tables giving the means, standard deviations, and total number of observations of station pressure and sea-level pressure by month and annual for the local hourly observations corresponding to the eight 3-hourly synoptic times OCT. The same computations are also provided at the bottom of the page for all hours combined. All years of data available are combined in both of these tables, although the over period is limited by service as indicated below.

NOTES: Station pressure not reported for all services until late in 1945.

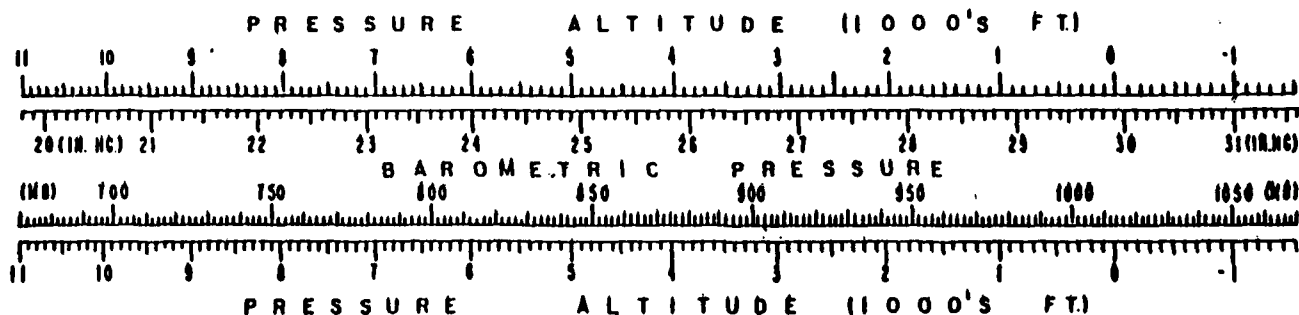
Station pressure reported only at 6-hourly times for Air Force stations from Jan 64 - Jul 65.

METAR stations do not report Sea-level pressure.

1. Station pressure is presented in the table in inches of mercury.

2. Sea-level pressure is presented in millibars.

Provided below is a scale to convert station pressure values in inches of mercury or millibars to pressure-altitude in 1000's of feet. This scale is an enlarged model of the pressure-altitude scale in the Smithsonian Meteorological Tables.



GLOBAL CLIMATOLOGY BRANCH
METEOROLOGICAL
AIR WEATHER SERVICE/MAO

MEANS AND STANDARD DEVIATION

STATION PRESSURE IN INCHES HG FROM HOURLY OBSERVATIONS

STATION		STATION NAME												YEARS	
1-10		75-85													
HRS (LST)		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUA	
MEAN		29.340	29.745	29.782	29.767	29.765	29.809	29.814	29.815	29.799	29.786	29.872	29.871	29.8	
S D		.04	.038	.039	.035	.031	.053	.044	.042	.042	.040	.038	.046	.0	
TOTAL OBS			44	87	16	123	72	102	89	84	96	80	90	11	
MEAN		29.809	29.767	29.748	29.731	29.733	29.779	29.779	29.779	29.757	29.751	29.771	29.807	29.7	
S D		.04	.035	.043	.034	.033	.049	.045	.041	.043	.034	.035	.047	.0	
TOTAL OBS			95	91	87	99	70	94	90	85	92	92	80	10	
MEAN		29.747	29.755	29.745	29.729	29.732	29.775	29.775	29.770	29.759	29.746	29.768	29.810	29.7	
S D		.047	.044	.049	.034	.032	.057	.038	.040	.040	.038	.033	.046	.0	
TOTAL OBS			9	90	76	101	71	102	80	85	101	86	93	10	
MEAN		29.837	29.795	29.780	29.77	29.768	29.797	29.797	29.802	29.791	29.785	29.808	29.840	29.7	
S D		.04	.040	.046	.037	.037	.052	.044	.040	.045	.040	.039	.053	.0	
TOTAL OBS			93	89	92	88	70	95	95	93	96	84	90	10	
MEAN		29.843	29.814	29.80	29.783	29.775	29.812	29.806	29.817	29.808	29.791	29.812	29.839	29.8	
S D		.04	.046	.046	.039	.040	.058	.043	.043	.047	.045	.037	.053	.0	
TOTAL OBS			1	77	86	92	79	95	88	81	93	87	88	1	
MEAN		29.772	29.746	29.734	29.735	29.733	29.775	29.776	29.768	29.751	29.733	29.749	29.769	29.7	
S D		.041	.038	.044	.037	.041	.054	.043	.040	.040	.044	.039	.046	.0	
TOTAL OBS			96	75	81	102	73	105	93	97	100	88	92	10	
MEAN		29.76	29.731	29.719	29.709	29.706	29.747	29.750	29.748	29.735	29.726	29.741	29.767	29.7	
S D		.041	.037	.045	.039	.035	.053	.042	.040	.040	.041	.035	.041	.0	
TOTAL OBS			89	85	70	99	75	97	83	85	94	88	90	1	
MEAN		29.872	29.767	29.752	29.745	29.737	29.781	29.780	29.779	29.769	29.769	29.790	29.813	29.7	
S D		.044	.039	.044	.043	.033	.057	.040	.041	.042	.040	.037	.044	.0	
TOTAL OBS			88	92	89	93	75	101	86	86	93	82	94	1	
ALL HOURS	MEAN	29.806	29.771	29.757	29.746	29.743	29.785	29.784	29.785	29.770	29.761	29.780	29.806	29.7	
	S D	.043	.045	.051	.044	.042	.057	.046	.047	.049	.047	.045	.054	.0	
	TOTAL OBS	677	729	686	687	777	585	791	714	699	767	677	732	95	

UNITED STATES AIR FORCE
 AIR FORCE WEATHER SERVICE
 AIR FORCE WEATHER SERVICE

MEANS AND STANDARD DEVIATION

SEA LEVEL PRESSURE IN MBS FROM HOURLY OBSERVATIONS

STATION 10110

75-85

STATION		STATION NAME						YEARS						
HRS (LST)		JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
2	MEAN	1011.0	1013.3	1012.6	1012.2	1012.7	1013.9	1013.6	1013.4	1013.0	1012.7	1013.0	1013.4	1013.0
	S.D.	1.06	1.387	1.511	1.463	1.409	1.499	1.652	1.480	1.449	1.312	1.320	1.492	1.07
	TOTAL OBS	3	276	303	290	303	299	293	299	289	294	291	303	353
	MEAN	1013.4	1012.2	1011.5	1010.9	1011.3	1012.7	1012.4	1012.0	1011.7	1011.6	1012.0	1013.0	1012.0
	S.D.	1.07	1.346	1.541	1.475	1.374	1.358	1.617	1.504	1.324	1.346	1.375	1.289	1.09
	TOTAL OBS	1	181	26	191	217	190	213	220	177	185	186	164	231
	MEAN	1012.0	1012.0	1011.2	1010.8	1011.4	1012.5	1012.2	1012.0	1011.8	1011.4	1011.5	1012.7	1011.0
	S.D.	1.053	1.374	1.573	1.459	1.352	1.546	1.614	1.525	1.499	1.306	1.330	1.492	1.0
	TOTAL OBS	2	277	297	266	304	242	299	302	289	301	290	296	353
	MEAN	1014.4	1013.3	1012.7	1012.2	1012.5	1013.6	1013.1	1013.3	1012.9	1012.8	1013.2	1014.1	1013.0
	S.D.	1.725	1.346	1.529	1.438	1.472	1.468	1.733	1.600	1.602	1.386	1.301	1.460	1.07
	TOTAL OBS	21	26	225	244	241	214	244	216	236	213	206	232	267
1	MEAN	1014.0	1013.9	1013.2	1012.8	1013.2	1013.9	1013.6	1013.4	1013.4	1013.1	1013.3	1014.3	1013.0
	S.D.	1.672	1.401	1.592	1.444	1.522	1.551	1.717	1.589	1.402	1.372	1.477	1.509	1.07
	TOTAL OBS	2	276	297	261	300	293	302	300	271	297	290	296	351
	MEAN	1012.2	1011.6	1011.2	1010.8	1011.5	1012.6	1012.4	1012.0	1011.6	1011.1	1011.2	1011.4	1011.0
	S.D.	1.000	1.429	1.520	1.555	1.475	1.526	1.585	1.514	1.323	1.371	1.337	1.510	1.07
	TOTAL OBS	23	216	230	230	240	224	244	236	240	231	226	242	270
	MEAN	1011.0	1011.1	1010.3	1010.0	1010.7	1011.8	1011.9	1011.3	1011.0	1010.7	1011.0	1011.7	1011.0
	S.D.	1.042	1.489	1.615	1.527	1.449	1.471	1.643	1.553	1.412	1.307	1.342	1.547	1.09
	TOTAL OBS	3	274	296	269	299	258	302	305	291	296	290	224	350
;	MEAN	1013.4	1012.2	1011.7	1011.1	1011.7	1012.9	1012.7	1012.2	1012.1	1012.0	1012.5	1013.2	1012.0
	S.D.	1.350	1.587	1.524	1.575	1.449	1.447	1.673	1.530	1.421	1.371	1.395	1.482	1.0
	TOTAL OBS	100	153	180	18	221	212	227	211	192	156	166	161	221
ALL HOURS	MEAN	1013.3	1012.5	1011.8	1011.4	1011.7	1013.0	1012.7	1012.4	1012.1	1011.7	1012.2	1013.1	1012.0
	S.D.	1.001	1.711	1.815	1.751	1.655	1.666	1.796	1.718	1.651	1.583	1.598	1.754	1.0
	TOTAL OBS	200	159	2036	179	2130	2902	2124	2089	2055	1973	1949	2021	241

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